



# **PANCHMAHAL DISTRICT DISASTER MANAGEMENT PLAN 2024-25**

District Emergency Operation Center  
Collector office, Panchmahal, Godhra



Ashish Kumar, IAS  
Collector and District Magistrate  
Panchmahal-Godhra



Office of the Collector and  
District Magistrate,  
Jilla Sewa Sadan,  
Civil Lines road  
Godhra, Panchmahal, 389001

## FOREWORD

Disasters both natural and man-made are barrier to sustained growth as they pose threat to economy as well as to infrastructure. Climate change is a reality and is affecting every walk of our life. Compounded by other facts of environmental changes, viz., land use changes and natural resource degradation, climate change impacts on natural systems and processes compound to produce extreme events and disasters, causing losses to life, and serious damages to infrastructure and property. Local level resilience, planning, and role of community and capacity building of associated functionaries and stakeholders is pivotal need of the hour for enabling the resilience into development.

Hence, the need is to develop means to grow economically while building resilience to disasters and climate change by incorporating disaster risk reduction strategies and risk transfer. This calls for a paradigm shift in the approach to address both, disaster resilience as well as developmental activities.

I hope that the District Disaster Management Plan 2023-2024 will be beneficial to all the relevant departments and supplement the understanding of disasters and ensure better coordination in Disaster Risk Management

[Ashish Kumar, IAS]

# INDEX

No	Description	Page no.
1	List of abbreviations/ acronyms	7
2	Introduction	11
3	Need for the Plan	12
4	Prime Minister's 10 Point Agenda towards Disaster Risk Reduction	14
5	Plan Activation	15
6	Plan Implementation	15
7	Aims and Objectives	16
8	Mandatory Provisions of the Disaster Management plan	17
9	Concept of disaster management	17
10	Approach to disaster management	21
11	Policy and responsibilities	22
12	Authority and responsibilities	22
13	Warning, relief and recovery	22
14	Mitigation, preparedness and prevention	23
14	Plan Review and Updation	24
15	Financial Arrangements	24
16	Scope Of Plan	24
17	Trigger Mechanism	25
18	Hazards, Vulnerability and Risk Assessment	27
19	Capacity analysis	32
20	Preparedness, Prevention and Mitigation Measures	34

21	Key activities during PRE, DURING and POST D isasters	37
22	Electronic Support for resources utilization & information	40
23	Response Planand Institutional Mechanism	46
24	Incident Response System	47
25	Task force details in Response	59
26	Alert Mechanism	62
27	Taskforce Response Planning	69
28	Standars Operating Procedures	102
29	Disaster Specific Action Plans	11
30	Flood hazard Action Plan	112
31	Industrial/ Chemical disaster Action Plan	117
32	Earthquake Action Plan	120
33	Cyclone hazard Action Plan	122
34	Biological DisasterAction Plan	124
35	Oil Spill & Mine Disaster Action Plan	125
36	Tsunami Action Plan	125
37	Heat Wave Action Plan	125
38	Linkages with Other Stakeholders	128
39	Partnership and Linkages with stakeholders	129
40	Academic/ Scientific & Technical Organization	130
41	Media Management	130
42	Recovery measures	131
43	Immediate and Short Term Recovery Details damage and loss assessment	133
44	Restoration of Basic Infrastructure	133
45	Long term Recovery	136
46	Reconstruction and repair	136

47	Restoration of Essential Services and Infrastructure	137
48	District profile	145
49	History	145
50	Area & Administration	145
51	Demography	150
52	Infrasrtucture Details	153
53	Interim Guidance Riskand Vulnerability Ranking	155
54	River,Dam Information	159
55	Resources with District	163
56	List of Dumper / Truck	163
57	List of Ambulance	165
58	List of Private Hospital	168
59	List of PHC	172
60	List of CHC	175
61	List of Private Doctor	176
62	List of Equipment with Mamlatdar office	195
63	List of Equipment with Nagarpalika Fire Department	196
64	List of MAH Units	198
65	Antidotes Details of MAH Factories	200
66	List of Indusrty with Fire Tender Facility	201
67	List of Indusrty with Fire Medical Facility	202
68	List of Industry Safety Offier	204
69	List of Swimmers	209
70	List of NGOs	220
71	List of Equipment possedded by NDRF	221
72	Contact Details	223

73	Maps	236
----	------	-----

## ABBREVIATIONS

AAI	Air port Authority of India
ACWCs	Area Cyclone Warning Centres
AERB	Atomic Energy Regulatory Board
BARC	Bhabha Atomic Research Centre
BIS	Bureau of Indian Standard
BISAG	Bhaskaracharya Institute for Space Applications and Geo-Informatics
BOOT	Build Own Operate and Transfer
BPL	Below Poverty Line
CBOs	Community Based Organizations
CBRN	Chemical, Biological, Radiological and Nuclear
CCG	Central Crisis Management Group
CDMA	Code Division Multiple Access
CDO	Central Design Organization
CEO	Chief Executive Officer
CFO	Chief Fire Officer
CMG	Crisis Management Group
CoH	Commissioner of Health
COR	Commissioner of Relief
CP	Commissioner of Police
CWC	Central Water Commission
CWCs	Cyclone Warning Centers
CWDS	Cyclone Warning Dissemination System
DAE	Department of Atomic Energy
DCG	District Crisis Management Group
DDO	District Development Officer
DEOCs	District Emergency Operation Centres
DG	Director General
DGHS	Directorate General of the Health Services
DGP	Director General of Police
DIG	Deputy Inspector General
DSO	District Supply Officer
DSP	District Superintendent of Police
DISH	Director Industrial Safety & Health
DM	Disaster Management
DoR	Director of Relief
DP&S	Directorate of Purchase and Stores

DPR	Detailed Project Report
DRM	Disaster Risk Management
DRMP	Disaster Risk Management Programme
EFC	Expenditure Finance Committee
EMS	Emergency Medical Services
EOC	Emergency Operation Centre
ERCs	Emergency Response Centres
ERTs	Emergency Response Teams
ERU	Emergency Response Unit
F&ES	Fire and Emergency Services
GAD	General Administration Department
GEB	Gujarat Electricity Board
GERI	Gujarat Engineering Research Institute
GIDC	Gujarat Industrial Development Corporation
GIDM	Gujarat Institute of Disaster Management
GIS	Geographic Information System
GMB	Gujarat Maritime Board
GoG	Government of Gujarat
GoI	Government of India
GPCB	Gujarat Pollution Control Board
GSDMA	Gujarat State Disaster Management Authority
GSI	Geological Survey of India
GSM	Global System for Mobile Communications
GSWAN	Gujarat State Wide Area Network
GUVNL	Gujarat Urja Vikas Nigam Limited
GWSSB	Gujarat Water Supply & Sewage Board
HAZCHEM	Hazardous Chemicals
HF/VHF	High Frequency/Very High Frequency
HoD	Head of Department
HRVA	Hazard, Risk and Vulnerability Assessment
HWB	Heavy Water Board
IDRN	India Disaster Resource Network
IEC	Information Education Communication
IMD	Indian Meteorology Department
INCOIS	Indian National Centre for Ocean Information Services
INSAT	Indian National Satellite System
IRIS	In corporate Research Institute for Seismology
ISR	Institute of Seismological Research
ISRO	Indian Space Research Organisation
ICT	Information and Communication Technology
ICTS	Information Communications Technology System



KAPS	Kakrapar Atomic Power Station
LCG	Local Crisis Management Group
MAH	Major Accident Hazard
MFRs	Medical First Responders
MHA	Ministry of Home Affairs
MoA	Ministry of Agriculture
MoC&F	Ministry of Chemicals and Fertilizers
MoC&I	Ministry of Commerce and Industry
MoD	Ministry of Defence
MoEF	Ministry of Environment & Forests
MoF	Ministry of Finance
MoLE	Ministry of Labour and Employment
MoP&NG	Ministry of Petroleum and Natural Gas
MoSRT&H	Ministry of Shipping, Road Transport and Highways
MSDS	Material Safety Data Sheet
NCC	National Cadet Corps
NCMC	National Crisis Management Committee
NDRF	National Disaster Response Force
NEC	National Executive Committee
NEIC	National Earthquake Information Centre
NGO	Non Government Organization
NGRI	National Geophysical Research Institute
NIDM	National Institute of Disaster Management
NIOT	National Institute of Ocean Technology
NPCIL	Nuclear Power Corporation of India Ltd.
NSRA	Nevada Seismic Research Associates
NWRWS	Narmada Water Resources Water Supply
PESO	Petroleum and Explosive Safety Organization
PPE	Personal Protective Equipments
PFZ	Potential Fishing Zones
PGA	Peak Ground Acceleration
PMO	Prime Minister's Office
PMS	Probable Maximum Surge
PPP	Public Private Partnership
PS	Principal Secretary
QCI	Quality Council of India
QRMT	Quick Reaction Medical Team
R & B Dept.	Roads & buildings Department
R & R	Rehabilitation & Reconstruction
RDD	Radiological Dispersal Device
RED	Radiation Exposure Device

RESECO	Remote Sensing and Communication Centre
RSO	Radiological Safety Officer
SAR	Search and Rescue
SCG	State Crisis Management Group
SCMC	State Crisis Management Committee
SDMA	State Disaster Management Authority
SDMP	State Disaster Management Plan
SDRF	State Disaster Response Force
SDRN	State Disaster Resource Network
SED	Site Emergency Director
SEOC	State Emergency Operation Centre
SMS	Short Messaging Service
SOG	Standard Operations Guide
SOP	Standard Operating Procedure
SRPF	State Reserve Police Force
SSNNL	Sardar Sarovar Narmada Nigam Limited
SST	Sea Surface Temperature
SWP	Single Wire Protocol
TEOCs	Taluka Emergency Operation Centers
UD&UHD	Urban Development & Urban Housing Development
UNDP	United Nations Development Programme
UTs	Union Territories
WALMI	Water and Land Management Institute
WAN	Wide Area Network
WSEAC	World Scientific and Engineering Academy and Society



# Introduction

# **CHAPTER-1 -INTRODUCTION**

## **Need for the Plan**

As per Section 15 (3) of The Gujarat State Disaster Management Act, 2003, “The Authority shall prepare, or cause to be prepared and maintain a master plan for the State”. Section 23 (1) of The Disaster Management Act, 2005 also reads “There shall be a plan for disaster management for every State to be called State Disaster Management Plan”. Apart from these statutory requirements, the hazard profile and disaster history of the state demands for a comprehensive state disaster management plan to be in place for coordinated and streamlined management of disaster in the state.

## **Disaster Risk Reduction Post-2015**

Post 2015, there has been a significant shift from the approach of Managing Disasters to Managing Risk. The three landmark global agreements viz. – the Sendai Framework for Disaster Risk Reduction 2015-30 (SFDRR), Sustainable Development Goals (SDG) and the Paris Agreement (CoP 21) set the stage for future global action on Disaster Risk Reduction (DRR), sustainable development and climate change.

## **Sendai Framework of Actions for Disaster Risk Reduction 2015-2030**

The Sendai Framework for Disaster Risk Reduction 2015-2030 (SFDRR) was adopted at the Third United Nations World Conference on Disaster Risk Reduction held in Sendai, Japan in March 2015. The SFDRR is document which outlines four priorities for action to achieve 7 targets, which in turn would lead to one outcome that is- substantial reduction of disaster risk and losses in lives, livelihoods, health, economy of persons, businesses, communities and countries. India is a signatory to the Sendai Framework for a 15-year, voluntary, non-binding agreement which recognizes that the State has the primary role to reduce disaster risk, but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders.

### **The Four priorities of actions are:-**

1. Understanding Disaster Risk
2. Strengthening Disaster Risk Governance to Manage Disaster Risk
3. Investing in Disaster Risk Reduction for Resilience
4. Enhancing Disaster Preparedness for Effective Response and to ‘Build Back Better’ in Recovery, Rehabilitation and Reconstruction

### **The seven global targets are:-**

- A. Substantially reduce global disaster mortality by 2030, aiming to lower the average per 100,000 global mortality rate in the decade 2020-2030 compared to the period 2005-2015
- B. Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 in the decade 2020-2030 compared to the period 2005-2015
- C. Reduce direct disaster economic loss in relation to global gross domestic product (GDP) by 2030
- D. Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing their resilience by 2030
- E. Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020
- F. Substantially enhance international cooperation to developing countries through adequate and

sustainable support to complement their national actions for implementation of this Framework by 2030

- G. Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people by 2030

### Sustainable Developmental Goals

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in September 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. The 17 SDGs are integrated—that is, they recognize that action in one area will affect outcomes in others, and that development must balance social, economic and environmental sustainability. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests. In order to make the 2030 Agenda a reality, broad ownership of the SDGs must translate into a strong commitment by all stakeholders to implement the global goals.

### Paris Agreement on Climate Change Action and Disaster Risk Reduction (CoP 21)

The CoP 21 or the Paris Climate Conference held in December, 2015 led to a new international climate agreement, applicable to all countries, aiming at “holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change”. The Paris Agreement recognized the need loss and damage associated with the effects of climate change. The agreement identified areas of cooperation central to DRR and called for investments to address the underlying risk drivers associated with rising greenhouse gas (GHG) emission levels and to inspire innovation and low-carbon growth.

The State Disaster Management Plan (SDMP) has tried to envisage coherence across the states Efforts for DRR, sustainable development, and the actions in response to climate change.

## Prime Minister's 10 Point Agenda towards Disaster Risk Reduction

The Prime Minister, Shri Narendra Modi, listed a Ten -Point Agenda in his inaugural speech at the Asian Ministerial Conference on Disaster Risk Reduction 2016, held in New Delhi in November 2016 (AMCDRR), which has also been incorporated in the SDMP. The ten key elements consist of the following:

1. All development sectors to imbibe principles of Disaster Risk Management
2. Work towards risk coverage for all-starting from poor households to small and medium enterprises to multi-national corporations to nation states.
3. Encourage greater involvement and leadership of women in disaster risk management
4. Invest in risk mapping globally related to hazards such as earthquakes based on widely accepted standards and parameters.
5. Leverage technology to enhance the efficiency of disaster risk management efforts.
6. Develop a network of universities to work on disaster issues.
7. Utilise the opportunities provided by social media and mobile technologies.
8. Build on local capacity and initiative. Response agencies need to interact with the communities and make them familiar with the essential drill of disaster response.
9. Ensuring that disaster learning is well documented.
10. Bring about greater cohesion in international response to disasters.

### Vision

Making disaster resilient Gujarat by enhancing the capacity of all stakeholders to respond to disasters in a planned way to minimize loss of lives, livelihoods and economic loss in different forms including critical infrastructure, basic services including health and educational facilities along with social, cultural & environmental loss.

### Objectives of the Plan

- i) To assess various hazard, vulnerability, capacity and risk associated with the state.
- ii) To lay down various measures and guidelines for prevention and mitigation.
- iii) To lay down preparedness measures for all stakeholders.
- iv) To build the capacity of all stakeholders in the state to cope with the disasters and promote community based disaster management.
- v) To provide clarity on roles and responsibilities for all stakeholders concerned with various phases of disaster management.
- vi) To ensure co-ordination and promote productive partnership with all other agencies related to disaster management.
- vii) To mainstream disaster management concerns into the developmental planning process.
- viii) Ensuring DRM is socially inclusive, gender sensitive and empowering.
- ix) Strengthen efforts to mainstream DRR into water management and reduce the likely impacts of water-related hazards.
- x) To develop efficient, streamlined and rapid disaster response and relief mechanism in the state.
- xi) Prevent disasters and achieve substantial reduction of disaster risk and losses in lives, livelihoods, health, and assets (economic, physical, social, cultural and environmental).

- xii) Invest in disaster risk reduction for resilience through structural, non-structural and financial measures, as well as comprehensive capacity development.
- xiii) To commence recovery programme as an opportunity to build back better in case of a future disaster by incorporating community in the programme.
- xiv) Promote the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures to prevent and reduce hazard exposure and vulnerabilities to disaster.
- xv) Strengthen disaster risk modeling, assessment, mapping, monitoring and multi-hazard early warning systems.

Effective use of science, technology and traditional knowledge in all aspects of DRM.

### Plan Activation

The disaster response structure will be activated on the receipt of disaster warning/on the occurrence of the disaster. The occurrence of disaster may be reported by the concern monitoring authority to the Commissioner of Relief/GSDMA by the fastest means. The Commissioner of Relief (COR) will activate all departments for emergency response including the State EOC, District EOCs and Regional ERCs. Also, they will issue instructions to include the following details:

- Exact quantum of resources (in terms of manpower, equipments and essential items from key departments/stakeholders) that is required.
- The type of assistance to be provided
- The time limit within which assistance is needed
- Details of other Task/Response Forces through which coordination should take place

The State EOC, ERCs and other control rooms at the State level as well as district control rooms should be activated with full strength. The State Government may publish a notification in the official gazette declaring such areas to be disaster-affected area under GSDMA Act (Section 32 (2) (a)). Once the situation is totally controlled and normalcy is restored, the COR declares End of Emergency Response and issues instructions to withdraw the staff deployed in emergency duties.

### Plan Implementation

Both the DM Act 2005 and GSDM Act 2003 enjoins state governments to make provisions for the implementation of the disaster management plans. The Section 15 of GSDM Act 2003 states that every Department of the Government of Gujarat shall make provisions, in its annual budget, for funds for the purposes of carrying out the activities and programmes set out in its disaster management plan. The Act also mandates that every Department of the Government must prepare a departmental Disaster Management Plan in accordance with the SDMP.

## Aims and Objectives

Panchmahals District is prone to multiple hazards such as Floods, Heavy Rain, Lightening, Earthquake, Fires and have experienced & witnessed too on several occasions in the past. Panchmahals district have experienced the effects of flood in past few years, effects of devastating earthquake of year 2001 & faced the impact of drought and water scarcity in summer. Moreover, the district has several chemical industries / industrial areas in the district hence there is a need to have such disaster management plan which may be useful to comply with multi hazard approach to dealt with different disasters.

Recognizing the fact that most tasks and actions before and following a disaster are common at the district level, the Panchmahal district administration has used a multi-disaster approach (all disasters covered by one plan) while developing disaster management plan for the district. The present plan is not intended to provide comprehensive explanations and background information about a disaster, or serve as a training manual on how to respond to a disaster or conduct a disaster related task. This is simply a Multi Hazard Management Plan consisting details regarding different hazards that affect the district along with the response structure to deal with such hazards, and having linkages of subsidiary DM plans of all levels and of sectors with this Plan.

Following are the main objectives of this Plan:

- To protect and minimize the loss of human lives from the effects of different disasters
- To promote a culture of prevention and preparedness by ensuring that disaster management receives the highest priority at all levels
- To ensure that community is the most important stakeholder in the disaster management process
- To minimize the sufferings of the people arising due to different disasters
- To mainstream disaster management concerns into the developmental planning process
- To minimize the damages and losses that occur to the Property and Infrastructure due to different disasters
- To reduce the vulnerability aspect of both the people and infrastructure due to different disasters



- To ensure the efficient response and relief with a caring approach towards the needs of the vulnerable sections of the society
- To create awareness and preparedness by providing advice and training to the agencies involved in disaster management and to the community
- To assess the risks and vulnerabilities associated with various disasters
- To provide clarity on roles and responsibilities for all the stakeholders concerned with disaster management so that disasters can be managed more effectively and efficiently
- To strengthen the capacities of the community and to establish and maintain the effective Disasters Response Systems / Mechanisms
- To strengthen the existing Response mechanism
- To incorporate all the concerned aspects of DM for pre, during and post disaster phenomena
- To integrate and link up all level specific and department specific Disaster Management Plans

## Mandatory Provisions of Disaster Management Plan

Preparation of Disaster Management Plan is one of the mandatory provisions under the Gujarat State Disaster Management Act-2003 and the National Disaster Management Act-2005. With respect to the above mentioned provisions, Gujarat State Disaster Management Authority and Relief Commissioner have issued guidelines for the preparation of District Disaster Management Plan.

The DM Act authorizes the District Collector to secure cooperation and assistance from other parties in efforts to avoid or reduce the impact of disasters. The Collector (Specifically) and Government authorities (generally) are responsible for managing hazards and disasters which affect a district, with support from GSDMA, the relief commissioner and other public and private parties as may be needed. The roles, responsibilities and obligations of the Collector and other parties are set out in detail in the Act and are considered as part of this plan.

## Concept of Disaster Management

There are few terms and definitions of Disaster and Disaster Management as per DM Act - 2003, the basics of Disaster and Disaster Management can be understood as follows:

- The term Hazard means : A hazard is a natural or manmade phenomenon which may causes physical damage, loss or threaten human life and wellbeing if it occurs in an area of human settlement, agricultural of industrial activity
- Category of Hazard :
  1. Natural hazards are the hazards that are caused because of natural phenomena (hazards with meteorological, geological or even biological origin). Examples of natural hazards are cyclones, tsunamis, earthquake and volcanic eruption which are exclusively of natural origin. Landslides, floods, drought, fires are socio-natural hazards since their causes are both natural and manmade. For example, flooding may be caused because of heavy rains, landslide or blocking of drains with human waste.
  2. Manmade hazards are the hazards that are caused due to human negligence. Manmade hazards are associated with industries or energy generation facilities and include explosions, leakage of toxic waste, pollution, dam failure, wars or civil strife etc.
  3. Geological hazards
    - Earthquakes
    - Tsunamis
    - Volcanic eruptions
    - Landslides
  4. Climatic hazards
    - Storms (including tropical cyclones)
    - Floods
    - Drought
    - Tornados
  5. Environmental hazards
    - Environmental pollution
    - Deforestation
    - Desertification
    - Pest infestation
  6. Industrial accidents
    - Nuclear
    - Biological

- Chemical

## 7. Epidemics of all types

- The term Risk means: Risk is defined as the expected losses (lives lost, persons injured, damage to property, economic activities of livelihoods disrupted) to a community when a hazard event occurs. The probability of the loss will occur as the result of an adverse event, given the hazard and vulnerability.
- The term Vulnerability means: Vulnerability is defined as the degree of loss in the face of prevailing conditions, which adversely affect people's ability to prepare for and respond to a hazard event. These long term factors, weaknesses or constraints affect a household or community's ability to absorb losses after a disaster or to recover from the damage.

### Definitions as per the Disaster Management Act-2003

-Disaster means an actual or imminent event, whether natural or other occurring in any part of the District which causes, or threatens to cause all or any of the following:

- (i) Wide spread loss or damage to property, both immovable and movable; or
- (ii) Wide spread loss of human life or injury or illness to human beings; or
- (iii) Damage or degradation of environment;

and any of the effects specified in sub-clauses (i) to (iii) is such as to be beyond the capacity of the effected community to cope up with using its own resources and which disrupts the normal functioning of the community;

Disaster Management is a continuous and integrated process of:

- Planning and implementing measures to mitigating or reducing the risk of disasters
- Mitigating the severity or consequence of disaster
- Preparedness for emergencies and disasters
- Assessing the effects of disasters
- Providing emergency relief and rescue and post disaster rehabilitation and reconstruction, and
- Building capacities to these ends.



The concepts of all hazard management and empowerment provide the foundation for disaster management plans and efforts. All hazards management involves considering, planning for and taking actions to avoid or mitigate, all possible hazards, which may affect the district.

Empowerment means that each citizen is enabled through education, training and support, to be able to address all hazards and disasters, which may threaten their lives or livelihoods. Empowerment does not transfer full responsibility for dealing with disasters to the individual, but strives to ensure that each individual has the means and support needed to avoid or limit the impact of disaster.

The district and subsidiary plans seek to limit vulnerability and reinforce the resilience of communities in the face of hazards and disasters. Addressing vulnerability generally takes place before a disaster through actions to reduce the opportunities for the disasters to occur. Reinforcement of the resilience occurs through actions to reduce the scale or potential impact of a disaster, and building capacities and systems that facilitates (shorten and make less costly) the recovery process.

## Approach to Disaster Management

The Government of Gujarat takes a comprehensive approach to disaster management. Disaster impact reduction is divided into two broad areas:

- Warning, Relief and Recovery focusing on plans and actions necessary to reduce the impact of quick-onset disasters or speed the response to slow-onset disaster, and,
- Mitigation, Preparedness and Prevention focusing on plans and actions to avoid or eliminate the causes or impacts of hazards or threatened disasters.

The over all approach to disaster management is based on six elements;

- Accurate risk and Vulnerability assessment
- Planning and efficient allocation of resources
- Capacity building and training
- Provision of adequate resources
- The assignment of disaster management roles and responsibilities which correspond to normal roles and responsibilities (if possible) and,

- Use of diverse legal and operational mechanisms to accomplish disaster management objectives.

## Policies and Responsibilities

The Institutional framework for operationalization of the DM plan at the District level is conceived in terms of integration of both rural and urban areas and by recognizing the interdependence between line departments, district and state level authorities. The constitution of the District Disaster Management Committee will be as per the Gujarat Disaster Management Act 2003. Details with Functions of DDMC members of District

## Authorities and Responsibilities

The requirement for district and subsidiary plans is set by the Gujarat State Disaster Management Authority (GSDMA) under the authority of the Gujarat State Disaster Management Act of 2003. The Act authorizes the collector to secure cooperation and assistance from other parties in efforts to avoid or reduce the impact of disasters.

The Collector (Specifically) and Government authorities (generally) are responsible for managing hazards and disasters that affect a district, with support from GSDMA, the Relief Commissioner and other public and private parties as may be needed. The roles, responsibilities and obligations of the Collector and other key parties are set out in detail in the Act and are considered as part of this plan.

## Warning, Relief and Recovery

Warning, Relief and Recovery actions are intended to eliminate the loss of life and property and reduce hardship as a result of disasters. Plans and SOPs at District level should provide a seamless mechanism of warning, relief and recovery assistance to avoid or reduce losses and hardship.

The focal point for early warning, relief and recovery is the District Collector, who directs and coordinates these efforts within the district. The Collector is also responsible for coordinating

warning, relief and recovery with similar activities in neighboring districts and with the GSDMA and Revenue Department.

The Collector is further responsible for developing long term relief, recovery and rehabilitation plans during the course of a disaster. These plans will include steps to reduce disaster impact in the future and be coordinated with the GSDMA in terms of policy and implementation.

### Mitigation, Preparedness and Prevention

Mitigation, preparedness and prevention actions are to be taken before a disaster to reduce the likelihood of a disaster (risk reduction) or the level of damage (vulnerability reduction) expected from a possible disaster. Vulnerability reduction is given priority over risk reduction. The district can avail itself of any or all of four mechanisms to reduce risk and vulnerability:

- Long term planning for mitigation, preparedness and prevention-investments to this effect in the district,
- Enforcement of regulations, particularly building and safety codes and land use plans;
- Review and evaluation of development plans and activities to identify ways to reduce risks and vulnerability; and
- Capacity building, including warning, the provision of relief and recovery assistance and community-level identification of risk and vulnerability.

The Collector, assisted by the District Development Officer, is responsible for developing plans and activities to effect mitigation, preparedness and prevention using the mechanism noted above. Based on the interim assessment of risk and vulnerabilities, the District will focus on the following areas for mitigation, preparedness and prevention, which are specific to district:

- Resilience of life line systems (water, power, roads and communications)
- Reduction in disaster impact on health care facilities and schools
- Vulnerability reduction in flood-prone areas, including river bank erosion
- Vulnerability reduction to high winds
- Improvement of Off-site Preparedness near Industrial sites.

## Plan Review and Updation

Disaster Management Plan is prepared and reviewed by the District Collector / DEOC in collaboration with the line departments and other organizations in the district.

The plan is reviewed annually (in the Month of May) and in special case periodically too and updated:

- When significant changes in the nature of any hazards
- Lessons learnt following any major disaster or
- When there is any significant change to organization or responsibilities of primary members of the task forces defined in the plan.

## Financial Arrangements

With respect to the Updation of the DM plan the expenditure shall be booked either from the grant provisions of GSDMA under the DM Plan Updation head and time to time guidelines of GSDMA or as per the directions of District Collector the expenditure will be booked under the head of 2245 for DDMP Updation.

There are other provisions which are utilized in different kinds of relief measures as per the directions released from Central Government, State Government and so the Collector & DM viz. the funds like Calamity Relief Fund (CRF) which is utilized for the affected people / nature / cattle death in case of the natural calamities, NCCF, CM Relief Fund, PM Relief Fund etc.

## Scope of the Plan

The District Disaster Management Plan for Panchmahals District has been prepared for its execution by various departments and agencies of the district and other Non-governmental Agencies expected to participate in disaster management process. This plan provides for Vulnerability Assessment and Risk Analysis, Preventive Measures, Mainstreaming disaster management concerns into Developmental Plans, Preparedness Measures, Response Mechanism, and Partnership with Stakeholders, Financial Arrangement, Roles and Responsibilities of the



Various agencies interlinks in disaster management and the scope of the iractivities. An elaborative inventory of resources has also been formalized.

## Trigger mechanism

The plan would be put into action as per the levels of disasters categorized i.e. L0,L1,L2&L3.

### Levels of Disaster (The L Concept)

The L concept has been developed to define the different levels of disaster in order to facilitate the assistance to Stateand the Centre. It has four levels which are as follows.

- L0 level: Denotes normal times, which will be utilized for close monitoring, documentationand preparatory activities. Training of Search and Rescue teams, rehearsals, evaluation and inventory updation for response activities will becarried out duringthis period.
- L1 level: Denotes when the disasters which can be managed at the District level where the State and the Centre need to be on guard in case assistance is required for disaster relief operations.
- L2 level: Disaster situations that require assistance and active participation of State resources for management of the disaster.
- L3 level : Disaster situation arises in case of large scale disasters that have a noticeable impact on a number of districts of states and when the State and District authorities have been over whelmed with the disaster and require assistance from the Centre for rescue and relief operations.

# **HAZARD, RISK AND VULNERABILITY ASSESSMENT**

## **CHAPTER- 2**

# **HAZARD, RISK AND VULNERABILITY ASSESSMENT**

### **Hazard risk assessment and vulnerability mapping & vulnerable elements to specific hazards**

**The Hazard** technically is not a disaster unless the ' Trigger ' set it off. It could be weak legislation that failed to regulate the functioning of the facility. The Risk and Vulnerability factors analyzed from these Hazards which vary from Minor to Major impacts affecting the smaller or larger areas of the District.

"**Risk** is a technical concept, which is used by engineering and management specialists to arrive at an estimation of losses in the event of disaster and the expected probability of its occurrence."

$$\text{Risk} = \frac{\text{Hazards} \times \text{Vulnerability}}{\text{Coping Capacity}}$$

"**Vulnerability** gives the extent to which a community is affected by a disaster".

The idea of danger or threat points out the possibility of physical event capable of causing damage, like earthquake, floods, industrial accidents etc. The vulnerability brings to light, the structural susceptibility of society or social group to suffer harm, based on physical event constituting a "Threat". Vulnerability concerns the relationship between the social, economic and physical elements, on which the wellbeing of the society or the group in question depends. The analysis of vulnerability is specific and based on the type of danger or threat, which is apprehended.

The table below summarizes the results of an analysis of impact of Hazard, risk and Vulnerability of disaster in Panchmahal is as below. This analysis indicates that disaster planning at district level should first focus on the functional response to the Flood, Industrial Accidents and Earthquakes which triggers to the other hazards like Dam Failure, Water logging, Fire, Failure of critical infra structure and building collapse.

**Table1:Risk and Vulnerability Analysis**

Hazards	Probability Rating	Impact Rating	Vulnerability Ranking	Vulnerable Areas/Talukas
Industrial Accidents A) Fire B) Leakage of Gases C) Oil Spill	5	4	12 (moderate)	Industrial areas of Godhra, Kalol, Halol, Ghoghamba Taluka.
	4	3	12(moderate)	Mostly in urban pockets and industrial areas(including rural areas),and domestic fires in rural areas.
	4	3	12 (moderate)	Industrial area of Godhra, Kalol, Halol and Ghoghamba Taluka
	3	2	10 (moderate)	Industrial area of Godhra, Kalol, Halol and Ghoghamba Taluka
Drought	4	3	12(moderate)	Whole District
Flood	5	5	20(High)	Mostly low lying Areas
Epidemics	5	4	25(High)	Whole District
Heat Wave	4	3	12(Moderate)	Whole District
Rail/Road/Air Accidents	4	2	10(moderate)	Whole District
Earthquake	3	2	16(High)	Zone-3

Terrorism 1)Cyber 2)Robbery	2	5	15(moderate)	District
BoatSinking	2	1	2(Low)	Majorly the areas surrounded by rivers i.e. Shahera,Morva(H), Godhra,Halol,Janmughoda Taluka
Building Collapse	1	2	2(Low)	Majorlythe urbanareas
DamFailure	2	1	2(Low)	District has 3(Panam,Hadaf,Deo ) major dams and 1(Karad) medium / minor dams Dam can be the vulnerable.
Failure of Critical Infrastructure	2	1	2(Low)	The Petroleum cross- country pipeline srunning across the district maybeaffected

Sr. No.	Type of Risk	Sources	Resulting Emergencies	Effect
1.	Environmental risk – Due to man-made disaster (Air pollution)	Leakage, spillage, escaping of toxic, flammable, explosive, reactive, poisoning chemical vapor, dust, fume in atmosphere from storage, manufacturing, handling, transportation operation from the factory by the abnormalities in operation, maintenance, startup / shut down, failure of equipment, use of sub standard/ wrong material, civil commotion and armed conflicts, sabotage, war, riots, civil disturbance	Toxic release in atmosphere or Land poisoning or Water poisoning or Fire or explosion or Combination of them	Injury to humans and other living creatures, or Land poisoning or Water poisoning or Damage to property or Plant poisoning or Combination of them
2.	Environmental Risk – Due to man-made disaster (Water pollution)	Leakage, spillage, penetrate of industrial waste such as solid or liquid on or in the land due to abnormalities in operation, maintenance, failure of equipment, civil commotion and armed conflicts, sabotage, breakage or choking of Pipeline	Same as above	Same as above
3.	Environmental risk – Due to natural calamities i.e. earthquake, cyclone, flood (water and air pollution)	Leakage, spillage, penetrate of toxic, flammable, explosive, reactive, poisoning chemical vapors, dust, fume in atmosphere from storage, manufacturing, handling, transportation operation from the factory and leakage, spillage penetrate of industrial waste such as solid or liquid on or in the land due to Natural calamity	Same as above	Same as above

4.	Environmental risk – Due to man-made Natural Calamity disaster while transporting of chemical by road, rail & pipe line	Leakage, spillage, escaping, penetrate of toxic, flammable, explosive, radioactive, poisoning chemical liquid, vapors, dust, fume in atmosphere or on or in the land due to rupture of pipeline, on or in the land road transport containers / vessel, railway wagon, equipment failure as a result of natural calamities or man made or combination of Them disaster	Same as above	Same as above
----	---	---	---------------	---------------

## **Capacity Analysis**

### **Traditional Coping Capacity:**

It is important to identify and recognize traditional coping capacity of the community to enable them to enhance their capacity to withstand disasters.

Hazard	Early Warning	Preparedness	Early Response
Flood	Monitoring of water resources through community	Identification high elevation places and Rescue teams	Evacuation, Search and rescue and First aid support
Cyclone	Information through Fisher folks	Evacuate to safe place	Search and rescue and First aid support
Earthquake	---	Identification of Safe Places	Search and rescue and First aid support
Drought	Own assessment mechanism	Fodder storage, Food Storage at individual level	Panjabpol
Industrial/Chemical Hazard	Local Administration	OCR, DISH and EOC	Local Response Teams
Tsunami	---	Evacuate to safe place	Search and rescue and First aid support



# **PREVENTION, MITIGATION AND PREPAREDNESS**

## **CHAPTER- 3**

# **PREVENTION, MITIGATION AND PREPAREDNESS**

In the context of Panchmahals district in particular and Gujarat State in general the Disaster Management perspective has been followed in three phases, i.e. pre, during and post disaster management activities.

The pre-disaster phase includes prevention, mitigation, and preparedness activities. These activities involve Extensive Data collection, maintaining Directories of resources, developing Action plans, Capacity building, Training and Community awareness activities among others.

District administration, other Government departments, local authorities and other relevant agencies have already been formulated / working on the plans for prevention and mitigation of disasters and will build the capacity and ensure preparedness in the event of a disaster actually taking place. The private sector, NGOs and the community actively co-operate with the relevant agencies and participate in the training and other activities, which are conducted to augment their disaster management capabilities.

In this context, District Administration and different Government Line departments act as the nodal agency for mitigation, preparedness and capacity creation for the respective specific field areas as per the guidelines of State government and GSDMA.

In district, DEOC / District Administration has developed linkages with other stakeholders such as Lending agencies, Government departments, Local authorities, NGOs, Private sector and Community groups in order to share the knowledge and augment capacity on a holistic basis. The capabilities developed in this phase play a critical role in all subsequent phases.

In **Pre-Disaster Phase** with Respect to district, the key activities may be the joint efforts from the Chairman i.e. District Collector and other district line department heads / District Disaster Management Committee members towards the disaster management.

Planned development: There is a significant relationship in the way disasters and development affect each other. A long-term disaster management approach has been adopted and accordingly planning activities for development has been carried out for robust mitigation practices. District Administration and different Government Departments would ensure that the planning activities of the district administration and local authorities would take into account disaster risks and provide for suitable preventive and mitigation measures.

Development of policies, SOP's and guidelines: Effective disaster management requires the formulation of clear guidelines and subsequent compliance by all Government authorities, private sector entities and the public at large. Different departmental SOP's has been developed for district and department specific and private sector specific SOP can be developed intheseregard.

Establishment of a proper chain of command:It is imperative that a clear chain of command is established for effective management of activities that immediately follow a disaster.DEOC / District has been established a clear chain of command which is headed by District Collectorand DEOC is the focal control room for all disaster management activities and coordination mechanisms across all entities responsible for implementation in the district.

Risk assessment: Before commencing preventive and preparedness activities, it is important to identify and assess different types of risks for the district. Relevant departments will co-ordinate with District Administration for athorough assessment of:

- Hazards:Classification of the region in to zones,based on hazard potential; and
- Vulnerability: Assessment of degree of vulnerability of any given structure/ people / region to the impact of thehazard.

The assessment has been used for developing detailed conting encyplans and mitigation measures.

Develop disaster management plans: Detailed disaster management plans that are tailored to local needs would enable the relevant authorities and the community to respond systematically and effectively to disasters. District administration / DEOC, different line departments, and expert agencies etc., in consultation with DEOC has developed the disaster management plans. These are constantly reviewed and updated.

Develop repositories of information: It is critical that the relevant authorities should be in a position to quickly establish contact with people and resources in the aftermath of a disaster. DEOC and the relevant Government departments have created a comprehensive repository of information such as names, contact details, and made it easily accessible to the relevant authorities at all times.

Establish communication networks: A robust district-wide communication network is critical not only for managing disasters but also for the effective functioning of the district administration. A comprehensive communication network has been established up to the village level by DEOC and different line departments.

Developing early warning mechanisms: Early warning mechanisms help the relevant authorities in taking timely preventive measures and thereby, reduce the damage caused by disasters. Set up of early warning mechanisms by DEOC, different control rooms and departments to give advance warning for hazards like cyclones, floods etc.

Building capabilities & expertise: It is necessary to build strong capabilities and expertise for handling various aspects of disasters. District administration with the support of GSDMA has been involved in enhancing the capabilities of different officials and community members, NGOs etc. by imparting disaster management trainings to different agencies and departments by providing rescue equipments for strengthening individual and department with respect to disaster management.

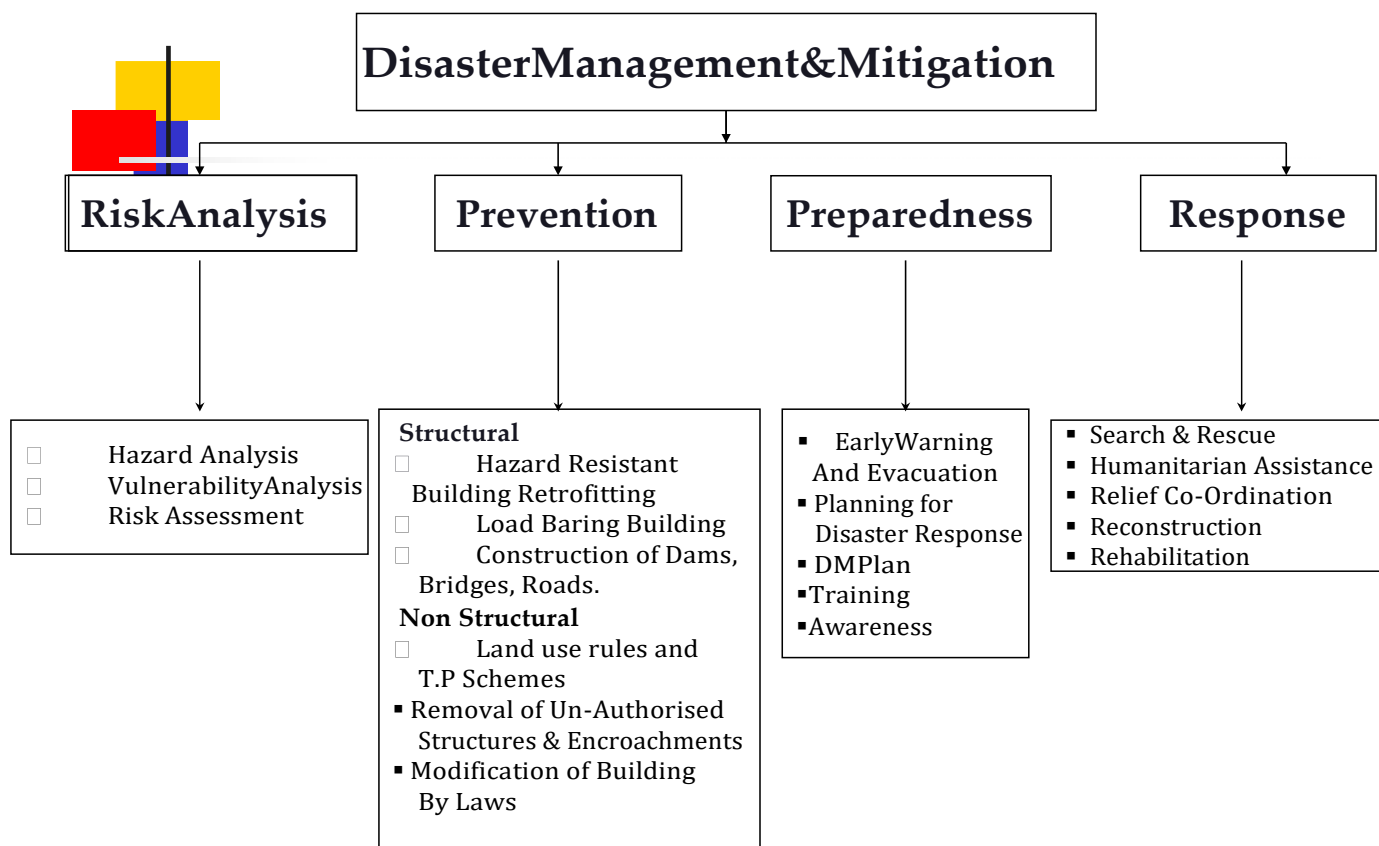
**During the period of any kind of disaster:** As per the set response mechanism with this District Disaster Management Plan all line departments will perform accordingly to get the routine life back on the regular track, District Collector is the Responsible Officer and as per his/her directions all other line departments, agencies respond to the disaster and ensure that the damage due to the disaster can be minimized as much as possible. The Rescue and Relief work in the affected area will be the focal point of response and accordingly the response teams / groups will be performed to let the disturbed life be on track.

**In Post disaster scenario** of any types of disaster, the focus will be on the rehabilitation and reconstruction work, as per the directions of State Government and so the

Chair person&District Collector, the aforesaid task will be performed with the support of different taskforce, department and agencies and by the cumulative efforts of all line department and response groups the focus will be on the routine life establishment.

Mitigation, preparedness and prevention actions are to be taken before a disaster to reduce the likelihood of a disaster (risk reduction) or the level of damage (vulnerability reduction) expected from a possible disaster. Vulnerability reduction is given priority over a risk reduction.

As district is surrounded by various rivers and industrial zones the major possibilities of floods and industrial hazards are more with the district so the required mitigation strategies may be developed in this regards to minimize the effect of such kind of disaster. Following flow chart shows the Disaster Management and Mitigation as pects in three different DM phases.



- –Mitigation means a measures aimed at reducing the impact or effects of a disaster;
- –Prevention means measures the object of which is to avoid the occurrence of adisaster
- –Reconstruction meansre pair and construction of a property under taken after a disaster
- –Rehabilitation means any activity the objects of which is to restore normalcy in conditions caused by a disaster;
- –Emergency Preparedness means the state of readiness which enables stakeholders to mobilize, organize and provide relief to deal with and impending or actual disaster or the effects of a disaster;

1. **Level specific Disaster Management plans** such as District DM Plan, Departmental DM Plan, Offsite emergency Plan, Taluka DM Plan, Village DM Plan, City DM Plan,etc.have been prepared and up dated periodically, time to time instructions for development and Updation of DM Plan for different set up like industries, Educational establishments, Health infrastructure, different agencies has beengiven by the District EOC.
2. Preparation and timely Updation of district level contact detail diary, Resource Inventory and communication plan by District EOC.
3. **The database of DM Plans** has been updated on regular basis on SDRN and IDRN.
4. **Capacity building** of all stakeholders including government officials, agency representatives, PRI's and community members with respect to Disaster Management, It is on going process.
5. **Subject specific trainings** such as First Aid, Search & Rescue, EOC Management, Early Warning & Communication and Masons training has been organized for various stakeholders by inviting guest lecturers, Professional trainers of different health agencies, firedepartment, individual agencies to conduct the trainings for different types of stakeholders of all level.
6. **Awareness generation programmes** with respect to Disaster Management are frequently organized to sensitize all kinds of stakeholders,officials,community members of all level and other organizational representatives on Disaster Management through various types of modes such as:
  - Orientation/sensitization meetings
  - Competitions
  - School level programmes (elocution,Postercompetition,etc.)

- Rallies
- Using special drives of IEC hand outs distribution for different Agencies / bodies /practitioners
- Poster exhibition and IEC distribution on different occasions /fairs /in National / local festivals, in government programme.
- Video Screening for different target groups.
- By organizing different programmes like street plays, Bhavai etc.
- Spread the message of preparedness and what to do and what not at the time of emergencies through media channels, Print media (local and national both), cell phone operators by scrolling of messages and warnings.

## **7. Training and Rehearsals at all levels (District,Taluka,Village,City)**

For effective implementation of this DDMP, regular training and mock drills involving all key members need to be carried out. This will further enhance better understanding of individual's role and responsibilities in emergency response besides improving the over all coordinated efforts.

The main objectives of training planare:

- Familiarizing key personnel involved in the plan with their equipment, the over all plans and their roles.
- Ensuring efficacy of emergency response mechanisms / resources.
- Reviewing the total plan, so that updating, modifying and training activities can be improved.

## **8. Mock Drills**

The ability of the Emergency Management Team is to perform a set of critical tasks under simulated conditions for different hazards that are validated by conducting a full scale mock drill once in a year at district level. This includes but not limit to management initiatives, response activities, direction, control, mobilization of resources, communications, mitigation and post incident activities of all concerned. This is a field mockdrill on a large scale involving all the task forces.

After completion of every mock drill, a debriefing meeting shall be arranged in which proceedings of the mockdrills are discussed highlighting weakareas /short falls for

effecting improvement in the plan.

Taluka level mockdrills have been organized twice in a year for checking of preparedness measures of all kinds of DM initiatives in particular DM Plan updation status. Same way as per the office order of zonal-subzonal officers appointment, village level mock drills has to be performed thrice for one taluka covering different villages of the taluka.

### **Electronic Support for resources utilization and information**

#### **1. State Disaster Resource Network: (SDRN)**

SDRN is Web base data base system/portal and can be utilized for the DM related resource details/ information of Taluka, City and Village of whole district. SDRN consist contacts related as well as resources related both types of details of the Gujarat State. This portal can be utilized from Taluka, District and from state level. It runs GSWAN and Private connectivity. For utilization of the same one can use the following link:

<http://sdrn.gsdma.org>

#### **2. India Disaster Resource Network:(IDRN)**

IDRN is nation wide data base portal and utilized through district and from state and national level. IDRN consist online data base of equipments, skilled men power and critical supplies of whole nation. This data base can be utilized at the time of crisis; For utilization of the same one can use the following link:

<http://www.idrn.gov.in>



### MITIGATION MEASURES:

- Structural Mitigation Measures for Flood (Identified works of concerned Departments are indicative):

<b>Probable Mitigation Measures</b>	<b>Identified Locations and Villages</b>	<b>Implementing Departments</b>	<b>Convergence with Scheme/ Program</b>	<b>Time Frame</b>
Desilting and deepening of water channels (kaans)	Respective Sensitive Kaans	Irrigation,	Departmental program	Before June
Repair and maintenance of Flood Channels, canals, natural drainage, storm water lines	-	Irrigation department	Departmental or special plan	Before June,
Construction of Safe Shelters (new construction through Indira Awas, Sardar Awas and Ambedkar Awas)	Respective villages	Rural Development	Housing Scheme	Regularly
Desilting of water bodies like river and ponds	Village ponds and river streams	Irrigation TDO Rural Development	Departmental program	Before June

- Non-Structural Mitigation Measures for Flood:

<b>Non-Structural measures</b>	<b>Locations/coverage area</b>	<b>Implementing Departments</b>	<b>Convergence with agency/program</b>	<b>Time Frame</b>
Safety audit of existing and proposed housing stock in risk prone areas	Flood risk prone villages	TDO, Rural development	Sardar Awaas and other rural housing schemes	Regularly
Promotion of Traditional, local and innovative practices like bamboo/ plastic bottle raft setc	Flood risk prone	TDMC, SHGs and youth groups, NGOs	Training and capacity building plan for disaster management	Continuous
Capacity building of volunteers and technicians	Flood risk prone	TDMC	Training and capacity building plan for disaster management	Continuous

- Structural Mitigation Measures for Earthquake:

<b>Structural measures</b>	<b>Identified Locations and Villages</b>	<b>Implementing Departments</b>	<b>Convergence with Scheme/Program</b>	<b>Time Frame</b>
Retrofitting (if required) of public utility buildings like offices, schools/banks markets etc.	Whole District	R&B (State and Panchayat), Panchayat, Rural department		Regularly
Retro fitting of unsafe rural houses		DDMC, DDO	Rural housing schemes and departmental programs	Regularly
Identifying and safely Dismantling unsafe structures		R&B department		Regularly

- Non-Structural Mitigation Measures for Earthquake:

Non-Structural measures	Location/coverage area	Implementing Departments	Convergence with agency/program	Time Frame
Capacity building of architects, engineers and masons on earthquake resistant features	Whole district	R & B (State and Panchayat), DDMC		Regularly
Registration of trained and certified mason		R & B (State and Panchayat), DDMC		Regularly
Strict enforcement of guideline pertaining to seismic safety for government rural housing		DDO	Rural housing schemes	Regularly
Mock-drills for Schools, Hospitals and, Public Buildings and trainings for mason, engineers and architects		DDMC, Schools		Regularly

- Industrial (Chemical) Structural Measures (in coordination with LCG, DCG district and state level authorities)

Structural measures	Activities	Implementing Departments	Convergence with agency/program	Time Frame
Monitoring impact of industries on NRM (land, water and air)	Data collection of impact on natural resources (groundwater monitoring wells, air quality test, etc)	DDMC, TDMC, LCG, GPB		Regular interval
Safety assessment	Carry out structural safety inspection/audit	DISH, DCG, LCG (Dy. Industrial safety and health)		Regular interval

- Industrial(Chemical)Non-Structural Measures (incoordination with LCG, DCG district and statelevel authorities)

<b>Nonstructural Measures</b>	<b>Activities</b>	<b>Implementing Departments</b>	<b>Convergence Agencies</b>	<b>TimeFrame</b>
Planning	Prepare an onsite and offsite emergency plan	Occupier, DISH		Regular interval
	Conduct mockdrills as per the regulations	DCG,DISH and LCG		Regular interval
	Update the plan as per the requirement	Occupier,DISH		Regular interval
	Monitor similar activities in all the factories /industries	DISH and LCG		Regular interval
Capacity Building	Develop IEC material for Publication & Distribution	DDMC,TDMC		Yearly
	Awareness generation to general public and medical professional residing near MAH factories for immediate steps	DDMC,TDMC, LCG		Regular interval
	Organize training programmes, seminars and workshops (e.g. line departments officers, Mamlatdar etc)	DDMC, TDMC,LCG		Regular interval
	List of experts/ resource person/subject specialist (District emergency Off site plan)	DDMC,TDMC, LCG		Regular interval
	Encourage disaster insurance	Labour& employment department		Regular interval
Medical	Listing of hazardous chemicals and gases.	Occupier, DCG,LCG,DISH, BHO		Regular interval
	Keep check on availability and validity of relevant antidotes for chemical hazards prevalent in District	Occupier, DCG,LCG,DISH,		Regular interval

	Workshops and trainings for medical professionals to handle potential chemical an dindustrial hazard	DCG, Occupier, LCG,DISH		Regularly
Compliance	Environmental Protection Act, Factory Act, Mutual Aid SOPs	DISH,GPCB		Regular interval

At District level,the District Crisis Management Group(DCG)is an apex body to deal with major chemical accidents and to provide expert guidance for handling them.

# **RESPONSE PLAN & INSTITUTIONAL MECHANISM**

## **CHAPTER - 4 - RESPONSE PLANNING**

### **Trigger mechanism for putting the plan in to action**

The plan would be put into action as per the levels of disasters categorized i.e. L0, L1, L2& L3 (As mentioned earlier in the DM Concept - Chapter - 1). It could also be put into action on recommendations or directive of the State Crisis Management Group taking into consideration the situation prevailing at a given point of time. The District Disaster Response structure is activated on warning or occurrence of a disaster.

Special powers are conferred on Responsible Officer during disasters. The Principle organization leading each task force is responsible for giving alert to the appropriate authority when use of the special powers is required to accomplish warning, relief or recovery objectives given to the task force.

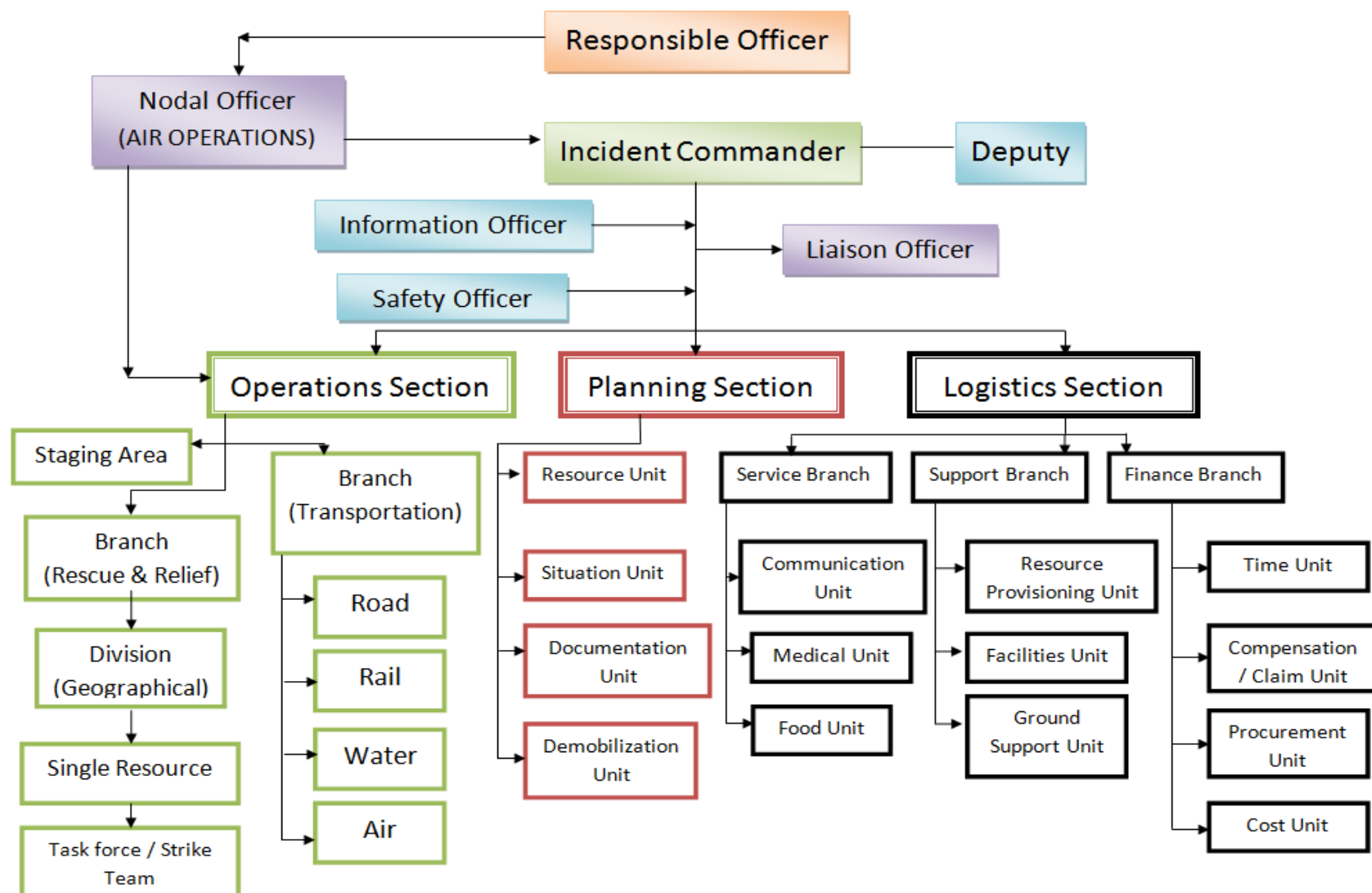
### **Disaster Response and District Incident Response System**

The response to disasters in the district will be organized according to the Incident Response System as adapted to the conditions in Gujarat State (IRS/GS). The argument for the IRS is that its fundamental elements –predefined different task forces, identified resources, and predefined duties and responsibilities to different task forces will lead to an effective response to any kind of disaster.

In district, the District Disaster Management Plan is focused on sector specification plans unlike the department specific planning approach. The disaster response is led by the District Emergency Operation Center (DEOC) under the command and control of the District Collector.

Frame work for Talukalevel Disaster Management Committee, City level Disaster Management Committee and Villagelevel Disaster Management Committee has been made, updated and followed for different level specific Disaster Response Mechanism.

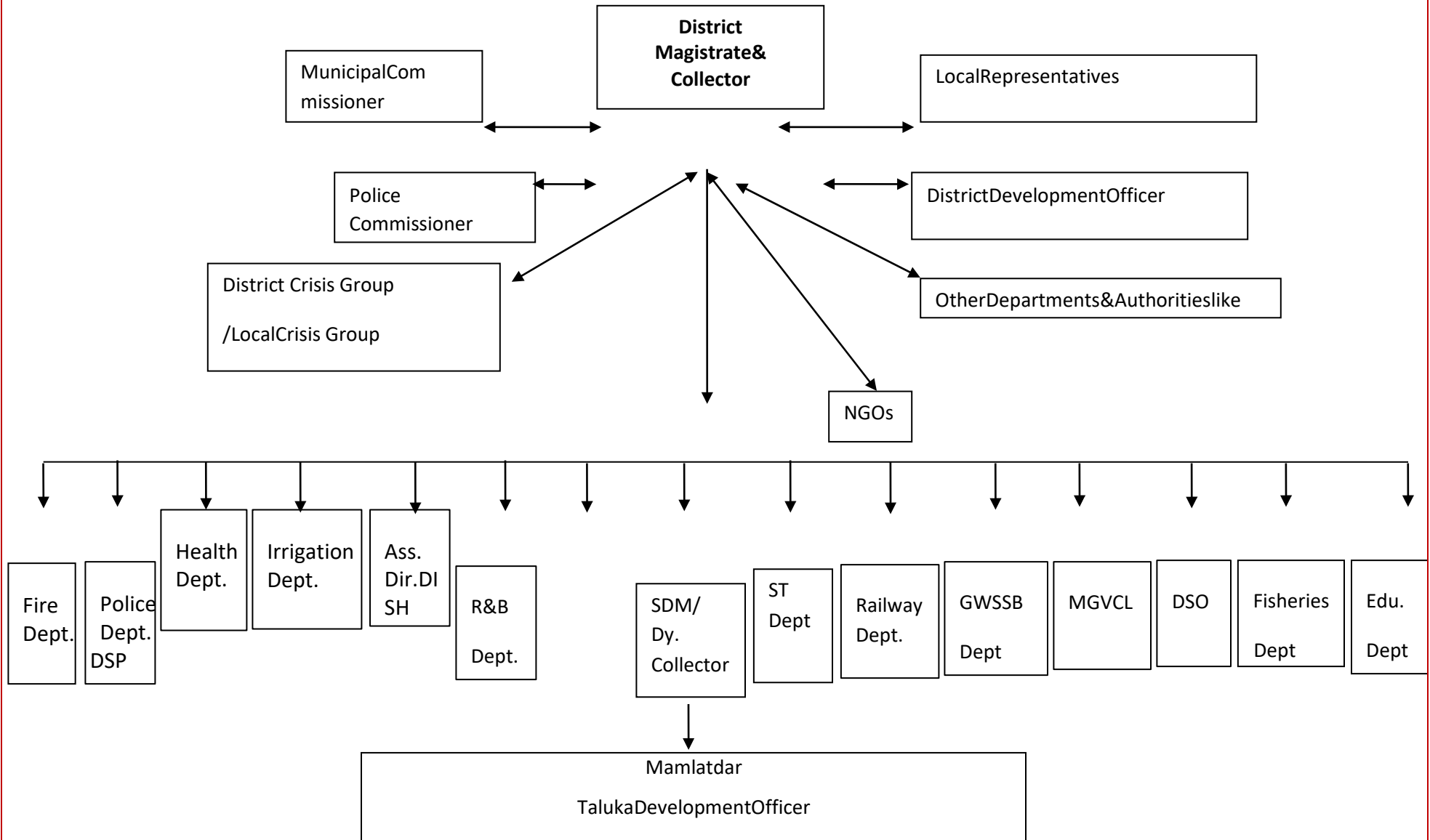
## District level Response Structure Model



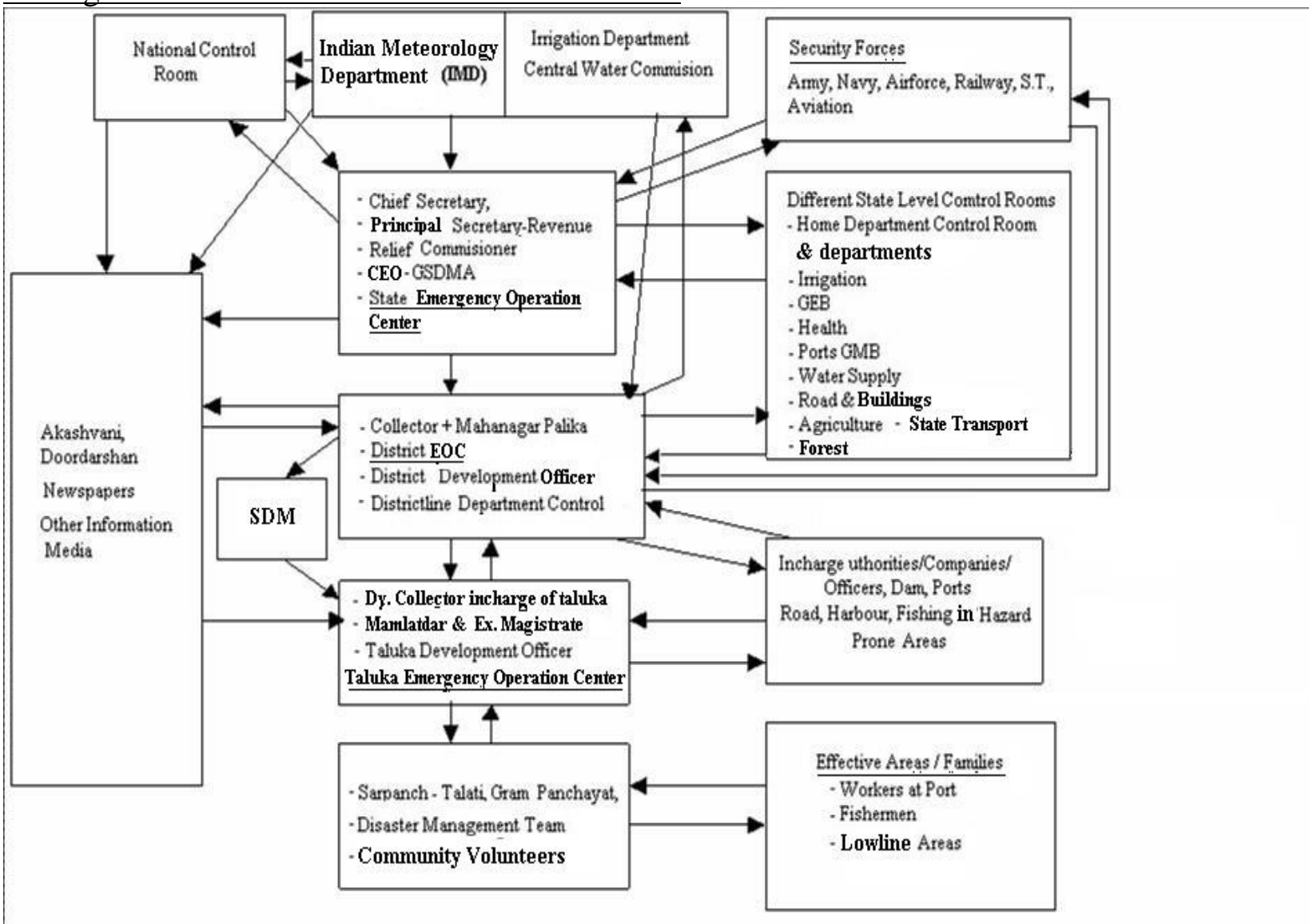


## District level Response Structure (IRS)

### Flow chart of District Administrative Setup



## Linkages of District with State and National level



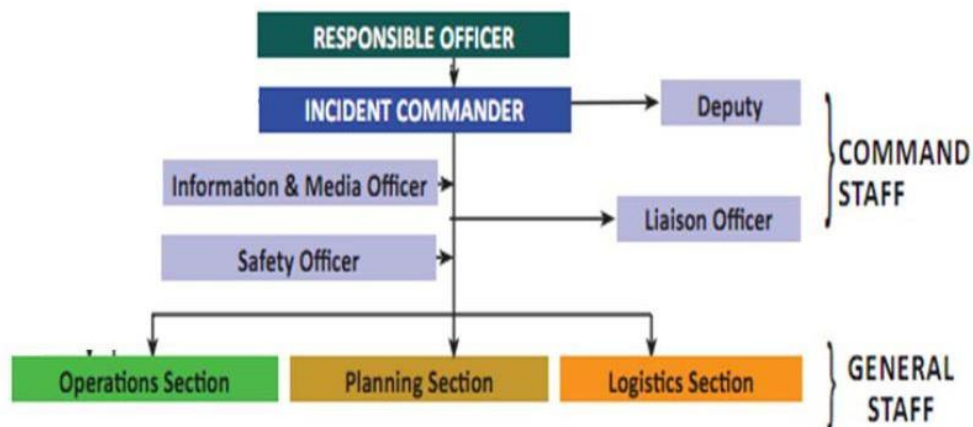
# **INCIDENT RESPONSE SYSTEM**

## **1. IRS Organizational Structure: IRT Frame work**

As per NDMA's IRS guidelines, IRT at District, Sub-Division, Tehsil and Block level should be constituted under the written directives of District Magistrate (DM). These teams will include experienced officers / employees at all levels and respond to all natural and man-made disasters. The lowest administrative unit (Sub-Division, Tehsil or Block) will be the first responder as the case maybe. IRT at all levels will have same structure, i.e. IC supported with Operations, Planning and Logistics Sections. The IRTs are to be pre-designated at all levels.

### **A. IRT Frame work-District Level**

In general, the selection of Section Chiefs is made according to the suitability and capability of the officer. The selection of the Operations Section Chief, however, depends on the nature of the disaster. In case of flood and earthquakes reaching the affected area, rescuing the affected people and providing relief to them is the main task of the responders. People have to leave their home in a hurry and they are not able to take away their valuables. These abandoned houses become vulnerable. The relief materials while being transported also become prone to loot. In such cases, Police and the Armed Forces are the best suited to handle and lead the operations. In case of fire, it will be the District Fire Officer who will be appropriate officer to handle the situation. In case of health related disaster, it would be the Chief District Health Officer and so on.



## **B. Major Responsibilities and Duties**

### **INCIDENT COMMAND**

The Incident Command's responsibility is the over all management of the incident. It is comprised of following positions:

#### **Incident Commander**

The Incident Commander has a wide variety of responsibilities.

- Assess the situation and/or obtain a briefing from the prior Incident Commander.
- Determine incident objectives and strategy.
- Establish the immediate priorities.
- Establish an Incident Command Post.
- Establish an appropriate organization.
- Ensure planning meetings are scheduled as required.
- Approve and authorize the implementation of an Incident Action Plan.
- Ensure that adequate safety measures are in place.
- Coordinate activity for all Command and General Staff.
- Coordinate with key people and officials.
- Approve requests for additional resources or for the lease of resources.
- Keep agency administration informed of incident status.
- Approve the use of students, volunteers, and auxiliary personnel.
- Authorize release of information to the news media.
- Order the demobilization of the incident when appropriate.

#### **Information and Media Officer**

The Information and Media Officer is responsible for developing and releasing information about the incident to the news media, to incident personnel, and to other

Appropriate agencies and organizations. Reasons for the Incident Commander to designate an Information and Media Officer:

- An obvious high visibility or sensitive incident.
- Reduces the risk of multiple sources releasing information.
- Need to alert, warn or instruct the public.
- Media demands for information may obstruct IC effectiveness.
- Media capabilities to acquire their own information are increasing.

### **Liaison Officer**

The Liaison Officer is the point of contact to assist the first responders, cooperating agencies and line departments. It may be designated depending on the number of agencies involved and the spread of affected area. Reasons to establish the Liaison Officer position at an incident:

- When several agencies send, or plan to send, Agency Representatives to an incident in support of their resources.
- When the IC can no longer provide the time for individual coordination with each Agency Representative.
- When it appears that two or more jurisdictions may become involved in the incident and the incident will require on-site liaison.

### **Safety Officer**

The Safety Officer's function is to develop and recommend measures for ensuring safety of responders and to assess or anticipate hazardous and unsafe situations and review it regularly. The Safety Officer will correct unsafe situations by working through the chain of command, however, the Safety Officer may exercise emergency authority to directly stop unsafe acts if personnel are in imminent life-threatening danger.

## **GENERAL STAFF**

Each one has a vital role for efficient response; however, depending upon the nature and requirements of the incident, they may be or not be activated. Each of these functional areas can also be expanded as needed into additional organizational units with further delegation of authority.

### **Operations Section**

The Operations Section deals with all types of field level tactical operations directly applicable to the management of an incident. This section is headed by an Operation Section Chief (OSC). In addition, a deputy may be appointed to assist the OSC and is charging his functions depending on the magnitude of the work load. Operations Section is further sub-divided into Branches, Divisions and Groups which assist the OSC/IC in the execution of the field operations.

### **Planning Section**

The Planning Section deals with all matters relating to the planning of the incident response. Headed by the Planning Section Chief, this section helps the Incident Commander in determining the objectives and strategies for the response. It works out the requirements for resources, maintains up-to-date information about the ongoing response and prepares IAP. For the closing phase of the operations, the Planning Section also prepares the Incident Demobilization Plan.

### **Logistics Section**

The Logistics Section deals with matters relating to procurement of resources and establishment of facilities for the incident response. This section is headed by the Logistics Section Chief and is an important component of the IRS organization for providing backend services and other important logistic support like communications, food, medical supplies, shelter and other facilities to the affected communities and responders as well. There is a Finance Branch attached to this Section in order to ensure that the procurements, if any, may be done quickly and in accordance with the financial rules.

## **2. Triggering Mechanism for Deployment of IRS**

Some of the natural hazards have a well established early warning system. On receipt of information regarding the impending disaster, the Emergency Operations Center (EOC) will inform the Responsible Officer (RO), who in turn will activate the required IRT and mobilize resources. At times the information about an incident may be received only on its occurrence without any warning – in such cases the local IRT will respond and inform the higher authority and if required seek reinforcement and guidance.

## **3. Activation of IRS in the District**

Before taking up response activities, the DM (RO/IC as per IRS) will hold a briefing meeting and take stock of the situation, availability and mobilization of resources for listing out the various tasks and to provide proper briefing to the responders. The IAP will be drawn and put in to action based on the situation assessment. The DM/RO will nominate Operations Section Chief (OSC) based on incident type and rest will follow as per IRS/IRT and other procedural guidelines.

On activation of IRS, all line departments/organizations/individuals shall follow the directions of the Incident Commander as condition demands. He can divert all mechanisms and resources in the district to fight against a scenario leading to disaster/calamity in the district. All Section Chiefs (Operations, Planning and Logistics) are vested with commanding authority and logistic assistance to deliver the concerned responsibility.

## **4. Incident Action Plan**

It is important that activities indicated in the IAP are connected with the functional responsibility defined in IRT and also according to other descriptions as per DDMP. For instance, proper links shall be established between IRT and Emergency Support Functions (ESF) for IAP effectiveness. Three basic elements of IAP are: Task /Function /Activity, Department/Officer Responsible, and Time. Besides that, common forms used for performing IRS and IA as given in IRS National Guide lines may be utilized.

## 5. Standard Operating Procedures

Standard Operating Procedures(SOPs) are common method of implementing instructions. SOPs provide response protocols for carrying out specific responsibilities. They describe the –who, what, when and how during a disaster, helping responders to perform complex tasks with high level of coordination. SOPs should be prepared and annexed to the DDMP for all relevant hazards of the district, such as earthquake, flood, cyclone, landslide, tsunami, man-made disasters, etc. It should be based on pre-defined IRTs and ESFs and communicated to every stakeholder in advance.

# FUNCTIONAL RESPONSIBILITIES

RESPONSIBLE OFFICER =	PRIMARILY RESPONSIBLE FOR EFFECTIVE RESPONSE
COMMAND =	OVERALL INCHARGE OF THE INCIDENT RESPONSE TEAM AND ITS EFFECTIVE FUNCTIONING
OPERATIONS =	DIRECT AND SUPERVISE ALL TACTICAL ACTIONS
PLANNING =	COLLECT/ANALYZE DATA, WORKOUT NEED OF REQUIRED RESOURCES AND PREPARE ACTION PLAN
LOGISTICS & FINANCE =	PROVIDE LOGISTICS SUPPORT, PROCUREMENT AND COST ACCOUNTING



### **LIST OF IRS POSITIONS AND SUITABLE OFFICERS IN THE DISTRICT**

IRS Position	Suitable officers
<b>INCIDENT COMMANDER</b>	ADM / ADC or any other equivalent officer or as deemed by RO
Deputy IC	SDM or any other equivalent officer or as deemed by IC
Information & Media Officer	Control Room Officer / Emergency Officer or any other suitable position at District level as deemed by IC
Liaison Officer	Dy. Collector (Protocol) / District Public Relations Officer or any other suitable position at District level as deemed by IC
Safety officer	Fire Officer / Dy. SP (Police) / Medical Officer / Factory Inspector or any other suitable position at District level as deemed by IC
<b>OPERATIONS SECTION CHIEF</b>	Dy. Superintendent of Police / ADM / Dy. Collector or any other suitable position at District level as deemed by IC / RO
<b>PLANNING SECTION CHIEF</b>	ADM (Sadar) / Add. SP / Dy. SP / Sr. Deputy Collector / Joint Collector / District Planning Officer / Fire Officer / Medical Officer / NDRF representative (If available) or any other suitable position at District level as deemed by IC / RO
<b>LOGISTICS SECTION CHIEF</b>	Senior Dy. Collector or any other suitable position at District level deemed by IC / RO

The District administration has identified 16 expected task forces for eyresponse operation functions that are described below. Additional taskforces can be added under the operations section as needed by the circumstances of a disaster. Each Task for ceisled by one organization and supported by other organizations.

**Task force details in response**

EmergencyOperation Task force	Functions
1. Coordination and Planning	Coordinate early warning, Response & Recovery Operations
2. Administration and Protocol	Support Disaster Operations by efficiently completing the paperwork and other Administrative tasks needed to ensure effective and timely relief assistance
3. Warning	Collection and dissemination of warnings of potential disasters
4. Law and Order	Assure the execution of all laws and maintenance of order in the area affected by the incident.
5. Search and Rescue (including Evacuation)	Provide human and material resources needed to support local evacuation, search and rescue efforts.
6. Public Works	Provide the personnel and resources needed to support local efforts to reestablish normally operating infrastructure.
7. Water	Assure the provision of sufficient potable water for human and animal consumption (priority), and water for industrial and agricultural uses as appropriate.
8. Food and Relief Supplies	Assure the provision of basic food and other relief needs in the affected communities.
9. Power	Provide the resources to reestablish normal power supplies and systems in affected communities.
10. Public Health and Sanitation (including First	Provide personnel and resources to address pressing Public health problems and re-establish normal health

Aid and all medical care)	Care systems.
11. Animal Health and Welfare	Provision of health and other care to animals affected by a disaster.
12. Shelter	Provide materials and supplies to ensure temporary shelter for disaster-affected populations
13. Logistics	Provide Air, water and Land transport for evacuation and for the storage and delivery of relief supplies in coordination with other task forces and competent authorities.
14. Survey (Damage Assessment)	Collect and analyse data on the impact of disaster, develop estimates of resource needs and relief plans, and compile reports on the disaster as required for District and State authorities and other parties as appropriate.
15. Telecommunications	Coordinate and assure operation of all communication systems (e.g.; Radio, TV, Telephones, Wireless) required to support early warning or post disaster operations.
16. Media (Public Information)	Provide liaison with and assistance to print and electronic media on early warning and post-disaster reporting concerning the disaster.

The specific response roles and responsibilities of the task forces indicated above is that the roles and responsibilities will be executed and coordinated through the IRS/GS system.

## Task Force, Leader and Supporting department details in response (INCIDENT RESPONSE SYSTEM)

The COMPOSITION of the TASK FORCES is given in the table below:

No.	TaskForce	TaskforceLeader	Supportingmembers/ Organizations/Departments	Section/ Unit
1.	Planningand Coordination	Collector	DDO,DSP, RAC,and Mamlatdar-DM	Planning
2.	Administration& Protocol	Resident Additional Collector	SDM– Mamlatdar – TDO	Liaison
3	Damage Assessment/Survey	SDM	DIC,Dy. DDO,Ex.Engr.,R&B,DAO,Fisheries	Logistics
4	Warning	Supt. Engr. - For Floods &Cyclones Jt./Dy.Dir.-ISH-For Chemical DisasterCP/ DSP –For Terrorist Attack	RAC, Factory Inspector ,Mamlatdar - DM ,Various Departmental Control Room, Member Secretary -OCR control room ,District Information Officer (DIO),Police Dept.,Irrigation Dept.	Operation
5	Communications	Resident Additional Collector	Factory Inspector ,Mamlatdar - DM , Various Departmental Control Room,OCR controlroom ,Dy.Mamlatdars, Mobile Operators,TV,Radio, Police,Forests	Logistics
6	Media	District Information Officer	Information Department ,Print, Media, TV, Journalists, NGOs	PublicInfor mation
7	Logistics	DDO	RTO, DSO, FPS, Private & Public sector,Municipal watersupplyboard, Mamlatdar, Dist.Supply Mamlatdar	Logistics

8	Law&Order	SP	DCP,Dy.SP,SRP,HomeGuards Commandant, NGOs,Para-military and Armed Forces	Safety
9	Search &Rescue	Add. Collector	DCP,Dy. SP,CFO -VMSS ,MAG members from OCR , Mamlatdar, TDO, Police, Executive Engr.,,RTO,StateTransport,Health Dept.,SRP ,SDRF, NDRF,Army,Air Force.	Operation
10	PublicWorks	Engr.R&B(State/Panchyat)SE R&B(Panchayat) SE Irrigation	Ex.Engr-R&B(S/C/P), Ex.Engr Irrigation (Circle/Panchayat), DFO ,NGOs, Water Supply Board,Municipalities,Home Guards,Police	Operation
11	Shelter	Dist.Pri.Edu.Officer Dist.Edu.Officer	Administrative officer,Education Department, School Principal, Teachers, Health, PHC, State Transport,WaterSupply, RTO, Mamlatdar,TDO, NGO ,CBO.	Operation
12	Water Supply	Ex.Engr.GWSSB	Dy.Ex.Engr.,Mamlatdar,TDO,Health Dept, Dy.Engr.	Operation
13	Food& Relief Supplies	Dist. Supply Officer	RTO,GSRTC,Municipality, DRDA,Police, Homeguard,FPS,PDS,Mamlatdar,NGO,CBO	Logistics
14	Power	Supt.Engr.MGVCL	Ex.Engr.,Dy.Engr.Technical,GEB,Transport	Operation
15	Public Health& sanitation	CDHO	CDMO, Medical Supt. Civil Hospital, Medical Officer CHCS, Municipality, RedCross,FireBrigade,CivilDefense,R&B,NG Os,Doctors,TDO,Mamlatdar	Operation
16	Animal Health& Welfare	Dy.Director Animal Husbandry	Veterinary Inspector, NGOs	Operations

## **Alert Mechanism**

### **Warning, Relief and Recovery**

Warning, Relief and Recovery actions are intended to eliminate the loss of life and property and hardship due to disasters. DM Plans and SOPs of different levels, sectors and departments have their own early warning mechanism and imply the same at the time of disaster, further planning for relief and recovery assistance to the affected people have been done during the course of disaster to avoid or reduce losses and hardship.

In district the Collector/ DEOC is the focal point for early warning, relief and recovery aspect, who directs and coordinates these efforts within the district. Collector / DEOC coordinate in early warning, relief and recovery and share / report the steps taken in these regards with similar activities in neighboring districts and with the GSDMA and Revenue Department.

### **Early Warning Action Plan**

The availability of early warning system is a must before early warning message could be disseminate to the people till the last mile. Thus for every type of disaster there is an agency designated with the responsibility of keeping track of developments in respect of specific hazards and inform the designated authorities/agencies at the district level about the impending disaster. Nodal agencies for early warning of different natural hazards are:

<b>Type of Action</b>	<b>Flood</b>	<b>Cyclone</b>	<b>Chemical and industrial accidents</b>
Existing EWS	Irrigation department/ dam authority/ IMD ↓ Collector ↓ Mamlatdar/TDO ↓ Villages	IMD ↓ Collector ↓ Mamlatdar/TDO ↓ Villages	Industrial Association/industries ↓ DCG ↓ LCG ↓ Mamlatdar
Responsible Agency for warning dissemination	Mamlatdar office/TDO	Mamlatdar office/TDO	Mamlatdar office/TDO

Villages covered	All risk prone villages
Villages/habitation not covered or Difficult to access	Communities in remote locations (fisher folk, maldharis etc)
Measures required to improve timeliness and outreach (For example, Voice enabled SMS)	Contact of communities in remote locations (fisher folk , Maldharis etc)

**During and Post Disaster Advisory Action Plan:**

Type of Hazard	Flood	Cyclone	Earthquake	Drought	Chemical and industrial accidents	Tsunami
Responsible Agency	Revenue & Panchayat offices					
Villages covered	All risk prone villages					
Villages/habitation covered or difficult to access	Communities in remote locations (fisher folk, Mal dharis etc)					
Measures required out reach	Contact of communities in remote locations (fisher folk, Maldharis etc)					

Details of Control Room telephone numbers functioning 24\*7 365 days and during the monsoon with some key dignitaries' telephone numbers are as under.

**SEOC-DEOC-TEOC and Other Control Rooms**

Sr. No.	Subsr. No.	EOCs/Control rooms	Contact Numbers
1		State EOC	23251914, 23251916, 23251906, 23251900 23251912(F), 23251916(F)
2		Relief Commissioner	23251509, 26301728 (R)

3		CEO-GSDMA	2325902,23259275(F)
4.		Director of Relief	23251611, 23251612
5		Addl.CEO,GSDMA	23259451,23259302(F)
6		Panchmahals DistrictEOC	02672-242536, 02672-1077
	6.1	1.Warningand Communications (DEOC)	02672-242536 1077
	6.2	2. Law & Order (SP)	100 02672-242504
	6.3	3. Search & Rescue For Whole District with support of DSP and Liaison officer	02672-242504 (Police Control) 02672-242536(DEOC) 1077(DEOC)
	6.4	4. Public Works (Ex.Eng,R&B)	9725664489 243421 rnb-pan@gujarat.gov.in
	6.5	5.Shelter DEO , DPEO	9909970209 (DEO) 9909971689(DPEO)
	6.6	6. WaterSupply (Ex.Eng.GWSSB)	9978406633
	6.7	7.Food &Relief supplies (District Supply Officer)	9409142404
	6.8	8.Health	02672-253367
	6.9	9.Power (Supt.Engr.GEB)	02672- 262205
	6.10	10.Logistics (DDO)	02672-253377-51
	6.11	11.Animal Health & Welfare (Asst.Director,A&H)	02672-253389
	6.12	12.Damage assessment/Survey	02672-253360/61



		(Dy.DDO)	
	6.13	13.Media/publicInformation (Sr.SubEditor- Info)	02672-249111
	6.14	14.Planningandcoordination (Collector)	02672-242800
	6.15	15.Finance/Administration/ protocol (ResidentAdditionalCollector)	02672-242450
7	Taluka EOCs(For Monsoon period)		
	7.1	Godhra	02672-242942
	7.2	Kalol	02676-235339
	7.3	Halol	02676-221066
	7.4	Ghoghamba	02678-244617
	7.5	Jambughoda	02676-241231
	7.6	Shahera	02670-226228
	7.7	Morva(H)	02672-284250
8		Fire brigade Godhra	02672-240043
		Fire brigade Kalol	02676-235101
		Fire brigade Halol	02676-298101
		Fire brigade Shahera	02670-226230

### Emergency Communication Systems

In the event of collapse of any communication facility / Communication infrastructure as a cascading effect/consequence of disaster, Telecommunication Task Force shall ensure immediate restoration of such facility or infrastructure to ensure uninterrupted communication for effective disaster management operations.

### Radio Communication

All the Control Rooms are equipped with hand held radios and all the task force leaders and their teams are having the hand held radio sets at their respective control rooms. The different user groups are operating at different frequency channels allotted to them for ease in communication in respective groups. At present, -Hand held radio sets are with the

District Magistrate,DDO, DSP, fire Brigade and Forest department. If possible, Health Personnel may be given these sets later.

### **Telephones**

Telephone facility is available with all the Control Rooms.

### **Alternate Communication System**

There could be a situation when all the communication facilities and systems may come to halt due to collapse of communication facilities/infrastructures. In the event of such a failure, till the

facility/infrastructure is restored made functional, following alternate systems shall be used based on the seriousness of the situation.

### **Satellite Communication System**

Satellite communication shall be activated once all the communication systems fail. This facility is with DEOC. The Telecommunication Task Force shall ensure that this facility is resumed on all such occasions.

### **Messengers**

- Use of messengers as a last resource to carry the hand written messages to people concerned in dealing with the disaster.
- A dedicated vehicle shall be made available by the Transport Task Force Leader upon request.

### **Right use of Communication facility**

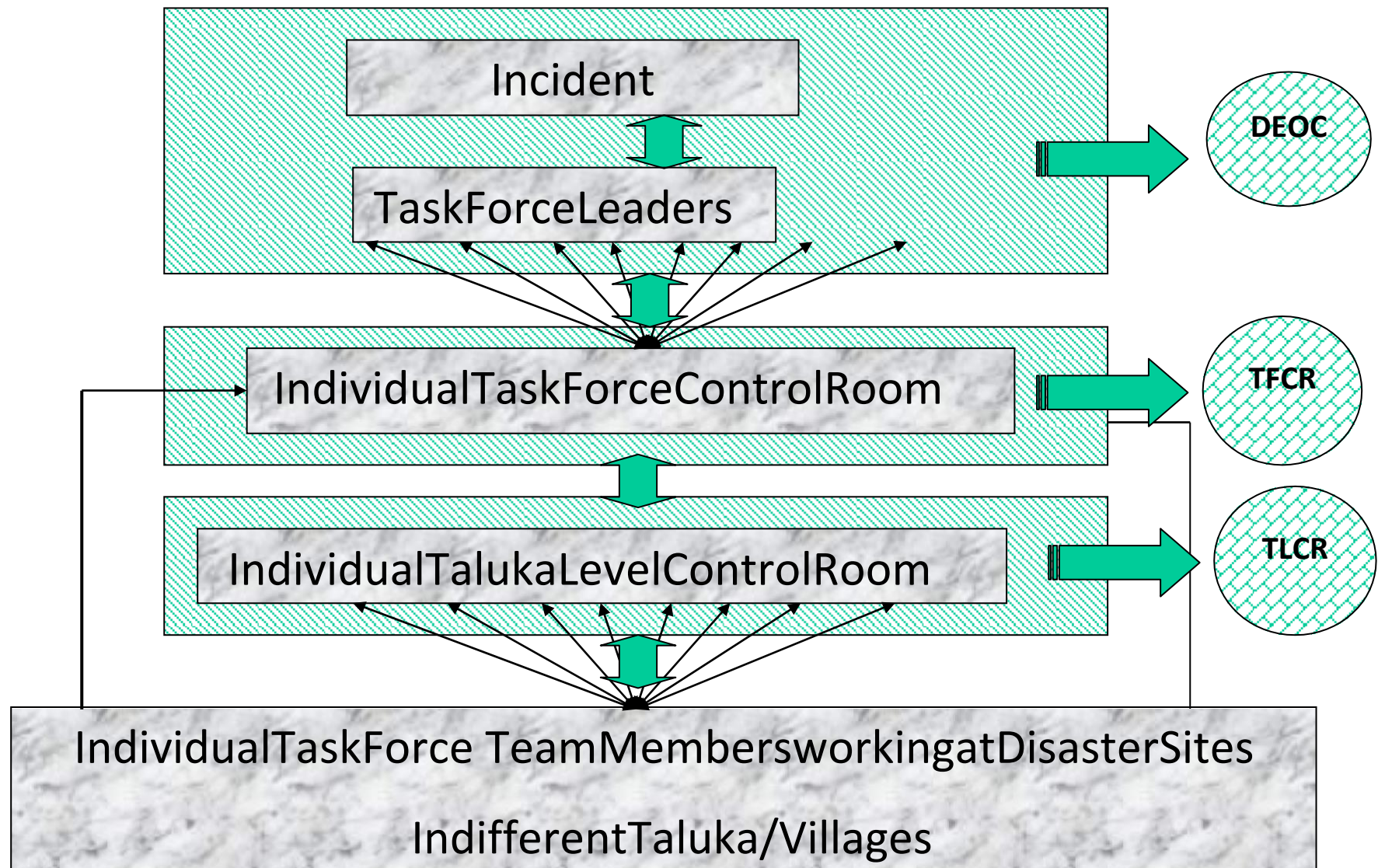
- The sense of urgency that every one experiences during disaster may lead to a chaotic situation if communication systems are not properly used.
- Communication shall be brief and simple.
- Telephones, Cellphones, Hot Lines shall be used when ever required.

The table below describes the task force action plans are intended to identify key actions:

- Before a disaster
- At the time of warning
- As the disaster occurs and
- In periods from:
  - 12 to 48 hours
  - 48 to 72 hours
  - 72 hours and beyond after a disaster

The action plans serve as quick reference guide to individual task force members, as to what specific task forces expect to be doing at specific stages before and after a disaster. This information will improve coordination within and between task forces and with authorities outside the district.

## Communication Flow Chart during Disaster Management



## **TASK FORCE RESPONSE** **PLANNING**

### **Emergency Support Functions**

- **Co ordination and Planning:** Coordinate early warning, response and recovery operations. Task Force Leader: Collector

<b>Action and (Who Should Take It)</b>	<b>Requirements or Conditions to be met for the action to occur.</b>	<b>Timeframe</b>
<b>Before a Disaster</b>		
Establish a disaster management structure to the village level. (COLLECTOR, DDMC)	Links to State level and Establishment of ICS structure.	On-going
Develop disaster plans at all levels down to the village level. (DDMC)		On-going
Hold regular meetings on disaster management including government, NGOs and private sectors. (DDMC)		Yearly.
Continual training, including public awareness. (DDMC and Media Task Force).	Involvement of GSDMA	On-going.
Check warning, communications and other systems (DDMC), including the use of drills.		On-going.
<b>Warning</b>		
Hold Crisis Management Committee (Collector)	Communications between Districts And with State Control Room.	On receipt of warning.
Mobilize task force at all levels (District, Taluka, village depending on disaster) (CMC, Telecommunications, Media Task Forces)	Communications systems and procedures.	As decided by CMC.
Disseminate Information (CMC, Media Task Force)		As decided.
Mobilize resources to be positioned near vulnerable points depending on type of disaster. (CMC)	Telecommunications systems, plans.	As decided.
Establish alternate communications system (Telecommunications Task Force)		As decided.

Action and (Who Should TakeIt)	Requirements or Conditions to be met for the action can occur.	Time frame
<b>Disaster</b>		
Start Search, Rescue and Evacuation activities.(CMC)	SAR TaskForce operational.	Immediately
Begin Collecting Information on extent of damage and areas affected. (CMC)	Assessment teams have Communications and transport.	Started in 4 hours.
Start plan development and provide instructions on where Task Forces Should go and what they should do. (CMC,Collector)	Information on damage and areas affected.	Started in 4 hours.
Mobilize out side resources(CMC)	Information on damage and needs.	Started in 5hours.
Provide Public Information (CMC,MediaTaskForce).		As early possible (or should Be started in 6 hours).
<b>12 Hours</b>		
Begin regular reporting on actions taken and status by Task Forces. (Task Forces)	Operating communications system.	Startedat 12 hours.
Reassess damage information, resources, needs and problem areas/activities.(CMC)		Started at 12 hours.
Beginrotation of staff(CMC)		Startat 12 hours.
Establish regular liaison with State Control Room.(DEOC)	Working communications systems.	Startat 12 hours.
Shift focus of efforts to relief.(CMC)		Open
Restore key infrastructure (CMC through Public Works and other Task Forces)		Before 48 hours.
<b>48 hours</b>		
Continue review and reassessment of operations(CMC)	Information on operations.	
Conduct broad damage assessment (CMC and DamageAssessment TaskForce)		
Establish Temporary Rehabilitation Plan(CMC)		
Begin demobilization based on situation.(CMC)		

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>72hours</b>		
Start Rehabilitation activities.(CMC)	Plan	
Conduct detailed survey of damage and needs.(CMC and Damage Assessment Task Force)		
Begin regular reporting on operations.	Information on operations.	As early as possible.
Restore all public and private sector services.(CMC)		As early as possible.
Lessons Learnedmeeting.(CMCandothers)		After 2 weeks.
Final Report/ Case Study(CMC)		After activities completed.

- **Warning:** Collection and dissemination of warnings of potential disasters.

**Task Force Leader: Resident Additional Collector**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Verify communication and warning systems are functioning-drills		Every 15 days
Have warning messages prepared in advance.		
<b>Warning</b>		
Receive and dispatch warnings.(Task Force)	Coordinate with Telecommunications Task Force	As received.
Verify warnings received and understood.(Task Force)		Within 1-2 hours of dispatch.
Independently confirm warnings if possible (Task Force)		As time allows.



- **Law and Order:**Assure the execution of all laws and maintenance of order in the area affected by the incident.

**Task Force Leader:** District Superintendent of Police (ForDistrict)

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Evaluate expected disaster needs verses normal resources.(Task Force)		Completed in 8 days.
Estimate personnel and resources needed for disasters.(Task Force)	Based on standard for number of security personnel per population depending on severity of disaster.	Completed in one week.
Planning and coordination with Revenue Dept.(TaskForce)		
Conductdrills,including publicawareness generation.(TaskForce)	Includes participation of Media Task Force	Every45 days.
<b>Warning</b>		
Verify communications system.(Wireless Inspector)		1-2hours of warning.
Alert police and otherTask Force members. (Superintendent of Police)		1-2hours of warning.
Implement duty distribution SOP for personnel and other resources. (Superintendent of Police)		1-2hours of warning.
Develop preliminary estimate of requirements to support other Task Forces.(Superintendent of Police)		1-2hours of warning.
<b>Disaster</b>		
Get orders on deploying personnel from Control Room. (Superintendent of Police)	Operating communications system.	Immediately
Determine status of staff and facilities.(Superintendent of Police)	Operating communications system.	1-2hoursofdisaster.
Deploy additional staff.(Superintendent of Police)	Transport available.	2-3hoursofdisaster.
Monitor resources.(Superintendent of Police)		1hour of disaster

Action and (Who Should Take It)	Requirements or Conditions to be Met for the action can occur.	Time frame
Establish VVIP unit.(Superintendent of Police)		Immediately.
Request additional resources,ifneeded.(Superintendentof Police)	Operating communications system.	4 hours of disaster.
<b>12 hours</b>		
Institute regular reporting.(TaskForce)	Operatingcommunications systems.	Atstart ofperiod.
Begin staff rotation.(TaskForce)		At start of period.
Address crowd control problems.(Task Force)		As needed.
Implementanti-looting/anti-theftSOP.(TaskForce)		As needed.
Establish rumor control.(Task Force)	Involves Collector, Media Task Force,NGOs, and local eminent persons.	As needed.
Provide information to public,e.g.,road status.(Task Force)	Involves Control Room, Media Task Force, and Deputy Magistrate.	As needed.
<b>48hours</b>		
Implement a Force Management Plan(increase,reduction, redeployment,of forces). (Superintendent of Police)		From star tof period.
Plan for return on ormal ((Superintendent of Police,Task Force, Control Room)		From 72 hours after the disaster.
Conduc t Lessons Learned Session (Task Force with input from other parties.)		1 week after the disaster.
FinalReport		2 weeks after the disaster.

- **Search and Rescue (including evacuation):** Provide human and material resources to support local evacuation, search and rescue efforts.

**Task Force Leader: Addl. Collector & Liaison officers – SDM**  
**Supportive Task Force Leaders: Dy. SP, Chief Fire Officer**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Risk assessment and vulnerability mapping. (Task Force)		Before warning.
Develop inventory of personnel and material resources. (Task Force)		Before warning.
Training. (Task Force)	Input and support from GSDMA	Before warning.
Establish public education program. (Task Force)	Media Task Force	
Establish adequate communications system. (Task Force)	Additional equipment required.	
Drills (Task Force).		Before warning.
Establish transport arrangements for likely SAR operations. (Task Force)	With Logistics Task Force.	Before warning.
Develop Rescue SOP. (Task Force)		Before warning.
<b>Warning</b>		
Mobilize Task Force and SAR teams. (Task Force).		On warning.
Verify equipment is ready. (Task Force).		On team activation.
Confirm transport is ready. (Task Force)	Logistics Task Force.	On warning.
Undertake precautionary evacuation. (Task Force)	Logistics and Shelter Task Forces	As directed.
Re-deploy teams and resources, if safe. (Task Force)	Logistics Task Force	Based on conditions.
Start public awareness patrols. (Task Force)	Media, Law and Order and Logistics Task Forces.	As required.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Disaster</b>		
Assure safety of staff.		Immediately.
Restore own communications.(Task Force)		Immediately.
Dispatch rescue/evacuation teams based on assessments.(Task Force)	Input from Control Room.	Immediately.
Call for additional resources if needed.(Task Force)	Communications systems in operation.	3-4hours of disaster.
Provide reports on operations.(TaskForce)		Startingat 3 - 4hours.
Begin handling of deceased per SOP.(TaskForce)	Various Revenue officers and Police involved.	Startingat 3- 4hours.
<b>12Hours</b>		
Begin staff rotation system.(TaskForce).		Started at12hours.
Begin specialized rescue (may begin earlier). (Task Force)	May require outside resources, Coordination with Logistics Task Force.	Started at12hours.
Begin debris removal in cooperation with Public WorksTask Force.	Focus on critical infra structure. Liaison with Contro lRoom.	Startat 12hours.
Secure additional resources (e.g.,fuel,personnel)for continued operations.(Task Force).		Startat 12hours.
<b>48 hours</b>		
Demolish/ Stabilize damaged buildings incooperation with Public Works Task Force.	Logistics Task Force, workers, equipment.	Starting at 48 hours.
Demobilization, reconditioning, repair and replace equipment and other resources.(TaskForce)		Based on nature of disaster.
Remain on stand-by for additional operations, particularly related to Safety of recovery work.(Task Force).		As needed.

Actionand (Who Should Take It)	Requirements or Conditions to be Met for the action can occur.	Time frame
<b>72hours</b>		
Lessons Learned meeting. (Task Force and others)		After 2 weeks.
Final Report.(Task Force)		After major activities completed.

- **Public Works:** Provide the personnel and resources needed to support local efforts to re-establish normally operating infrastructure.

**Task Force Leader: Executive Engineer, Roads and Buildings**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Inventory of personnel, equipment and status of infrastructure. (Task force)	Link to DRM project databased development.	One week before warning.
Identify critical infrastructure.(Task Force)	Need to define what critical infrastructures.	Before warning.
Identify alternate transport routes and publish map. (Task Force)		Before warning.
Plan for prioritized post-disaster inspection of infrastructure.(Task Force)		
Establish and maintain a resources and staffing plan.(Task Force)		
Plan to provide sanitation and other facilities for shelters.(Task Force)		
<b>Warning</b>		
Establish Control Room.(Task Force)		No later than 6 hours from warning.
Mobilize Task Force and personnel.	Requires communications.	No later than 6 hours From warning.
Liaise with District Control Room.(Task Force)		No later than 6 hours From warning.
Verify status and availability of equipment and re-deploy if appropriate And safe. (Task Force)	Coordination with Logistics Task Force and Control Room.	24 hours from warning.
Review plans.(Task Force)		No later than 6 hours from warning.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Disaster</b>		
Begin damage assessment and inspections.(Task Force)	Coordination with Damage Assessment Task Force.	Within 12 hours of disaster.
Develop operations plan and communicate to Control Room.		Within 12 hours of disaster.
Mobilize and dispatch teams based on priorities.Teams will(1)repair, (2)replace, (3)Build temporary structures (Fore.g.,restfacilities,shelters).	Coordination with Logistics, Water,PowerTask Forces and Control Room.	Within 12 hours of disaster.
Collaborate withother Task Forces.		Continuous.
<b>12 Hours</b>		
Begin staff rotation syste mandman power planning.(TaskForce).		Starter at12 hours.
Mobilize additional resources based on expected duration of operations.(TaskForce).	Coordination with LogisticsTask Force,Contractors.May need additional funding.	Started at12hours.
Assure safety.(Task Force)		Start at 12 hours.
Establish security arrangements.(TaskForce)	Law and OrderTask Force.	Start at 12hours.
Provide public information on roads, access and infrastructure.(Media Task Force)	Coordination with Control Room	Startat 12hours.
<b>48 hours</b>		
Start detailed survey.(Task Force)	In cooperation with Damage Assessment Task Force.	Starting at 48hours.
Begin reporting on operations(Task Force)		Starting at 3days.

<b>Action and (WhoShouldTakeIt)</b>	<b>Requirements or Conditions to be met for the action can occur.</b>	<b>Time frame</b>
Reconditioning, repair and replace equipment and other resources.(Task Force)		Based on nature of disaster.
Plan and start demobilization.(Task Force)		Starting at 3days.
<b>72hours</b>		
Develop longtermres to ration planand start activities.(TaskForce)		From 72 hours.
Lessons Learnedmeeting.(Task Force and others)		After 2 weeks.
Final Report.(Task Force)		After major activities completed.



- **Water Supply:** Assure the provision of sufficient potable water for human and animal consumption (priority), and water for industrial and agricultural uses as appropriate.

**Task Force Leader: Executive Engineer, Gujarat Water Supply and Sanitary Board**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Establish water availability, capacities, reliabilities and portability. (Task Force)	Standard of 20 litres of drinking Water per person per day.	3 months before warning.
Plan for alternate water delivery and storage (Task Force)	May need tankers, tanks, generator set.	3 months before warning.
Secure new and additional equipment. (Task Force)	Requires funding.	
Secure extra stock of chemicals, expendable supplies and equipment. (Task Force)	May require additional funding.	3 months before warning.
Open Water Control Room in Monsoon. (Task Force)		Done.
<b>Warning</b>		
Establish staff rotation and shift system. (Task Force)		No later than 24 hours From warning.
Provide public awareness on use of water. (Task Force)	Media Task Force.	No later than 24 hours From warning.
Provide instructions to government and private sectors on protection of Water supplies. (Task Force)		No later than 24 hours From warning.
Mobilize Task Force members.		24 hours from warning.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
Mobilize additional personnel and vehicles. (Logistics Task Force)	May be difficult to locate additional personnel locally. Recourse to outside or contractor sources may be required.	24 hours from warning.
Coordinate activities with Power and other Task Forces.	Involves District Control Room.	24 hours from warning.
Verify water source status and protection. (Task Force).		No later than 24 hours From warning.
<b>Disaster</b>		
Plan and prioritize supply of water to users. (Task Force)	Requires information on needs, Damage and demand.	Completed by 24 hours Into disaster.
Mobilize water tankers. (Task Force)	Coordination with Logistics Task Force and Control Room.	Started by 24 hours Into disaster.
Repair/restore water systems, based on plan. (Task Force)	Coordination with Power and Logistics Task Forces.	Started by 24 hours Into disaster.
Assure supply point/distribution security. (Law and Order Task Force)		Started as soon as Distributions begin.
Coordinate distribution of water and storage and provision of Information on safe water use. (Task Force).	Coordination with Media Task Force and Control Room	Started by 24 hours Into disaster.
<b>12 Hours</b>		
Establish temporary water systems. (Task force)		Up to 72 hours from disaster.
Move to ward permanent water supply system. (Task force)		After 72 hours.

Complete long term recovery plan and needs. (Task Force)		After 72 hours.
<b>Action and (Who Should Take It)</b>	<b>Requirements or Conditions to Be met for the action can occur.</b>	<b>Time frame</b>
Begin reporting and documentation.(TaskForce)		From 48hours.
Begin demobilization.(TaskForce)	Coordinatedwith ControlRoom.	From 48hours.
Lessons Learned meeting.(TaskForceandothers)		After 2weeks.
Final Report.(TaskForce)		After major activities completed.

- **Food and Relief Supplies:** Assure the provision of basic food and other relied needs in the affected communities.

**Task Force Leader: District Supply Officer**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Establish procedures and standards.(Task Force)	Need standards.	On-going.
Maintain two months stock of essential supplies.(Task Force)		Done.
Develop transportation plan.(Task Force)	In cooperation with Logistics Task Force.	Completed in 8 days.
Develop list of NGOs.(Task Force)		Done.
Plan staffing for disaster.(Task Force)		Done
Identify locations, which can be isolated and increase stock as needed. (Task Force)		On-going.
Identify food preparation locations.(Task Force)		Done.
<b>Warning</b>		
Pass on warning.(Task Force)		Within 12 hours of Receipt of warning.
Alert NGO to stop repair food.(Task Force)	Contact with NGOs.	Within 12 hours of Receipt of warning.
Verify stock levels and make distribution plan.(Task Force)	Possible cooperation with Logistics Task Force.	Within 48 hours of Receipt of warning.
Alert transport contract or stop repair for transport. (Task Force)	Coordinate with Logistics Task Force.	Within 5 hours of Receipt of warning.
Mobilize staff.(Task Force)		Within 6 hours of receipt of warning.

Action and(Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Disaster</b>		
Receive and respond to instructions from Control Room.(TaskForce)		As received.
Monitor conditions of stocks and facilities.(Task Force)	Need for communications.	
Develop distribution plan.(Task Force)	Need information on needs and locations.	As requested by Control Room.
Order food packets and provide suppliesas needed.(TaskForce)	Coordination with Logistics Task Force.	Perdistribution plan.
Establish relief supplies reception scenters.(Task Force)	Coordinate with Control Room And Logistics Task Force.	As required.

<b>12Hours</b>		
Start distribution no perations.(TaskForce)	In coordinate on with Logistics and Shelter Task Forces.	At beginning of period.
Formalize reporting, communication sand monitoring.(TaskForce)		Completed by 48 hours.
Start staff rotation system.(Task Force)		At beginning of period.
Begin mobilizing and managing additional supplies.	Coordination with Logistics and, Control Room.	Underway in 48 hours.
Establish security for all sites.(Law and Order Task Force)		At beginning of period.
Begin public announcement of distribute on plan and standards. (Media Task Force)		Under way in 48 hours.
<b>48Hours</b>		
Shift to normal operations.(TaskForce)		Within1 week.
Reconcile receipts and distribution records.(TaskForce)		Within 30days.
Continue providingre lief to special areas/populations.(Task Force)		For 15 days from the disaster

Actionand(WhoShouldTakeIt)	RequirementsorConditionsto bemetfortheactioncanoccur.	Timeframe
<b>72Hours</b>		
Restore Public Distribution System.(Task Force)		From 1week after the disaster.
Lessons Learne dmeeting.		Within14 days of disaster.

- **Power:** Provide resource store-establish normal power supplies and systems in affected communities  
**Task Force Leader :Superintending Engineer, Madhya Gujarat Vij Company Limited (MGVCL)**

Action and(Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster and Warning Phases</b>		
Develop inventory of current status of power system and resources. (MGVCL)		
Establish minimum stock levels and procure necessary additional stocks.(MGVCL)		
Conduct monthly meetings.( MGVCL)		On-going
Develop contact lists.( MGVCL)		
Conduct informal hazard and risk assessment.( MGVCL)		
Develop disaster plan.( MGVCL)		
<b>Disaster</b>		
Assess impact according to SOP.( MGVCL)	Coordinate with Control Room And Damage Assessment Task Force.	
Prioritize response actions.(MGVCL)	Need to establish priorities.	
Collect more information.(MGVCL)		
Mobilize additional resources.( MGVCL)	Coordination with Control Room And other Task Forces.	
<b>12Hours</b>		
Revise plans based on feed back and assessments.( MGVCL)		Continuous
Monitor status of actions.( MGVCL)		Continuous
Begin staff rotation plan. (MGVCL)		At beginning of period.
Disseminate public information. (MediaTask Force)		At beginning of period.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
Secure support for staff (food,lodging) fromNGOs.( MGVCL)		
Assure security as needed.(Law and Order TaskForce)	Coordinate with Control Room.	
Establish constant communications on needs,requirements and Resources with Control Room, MGVCL.		
<b>48Hours</b>		
Look for improvements in efforts.( MGVCL)		
Reinforce central coordination.( MGVCL)		
Conduct regular coordination meetings with other actors.( MGVCL)		
Begin form all documentation of efforts.( MGVCL)		
<b>72Hours</b>		
Review shift plan for safety.( MGVCL)		
Plan for return to normal,including additional security if needed.(MGVCL)	Involvement of Law and Order Task Force.	



- **Public Health and Sanitation (including first aid and all medical care):** Provide personnel and resources to address pressing public health problems and re-establish normal health care systems.

**Task Force Leader: (1) RDD/ CDMO- Civil Hospital**

**(2)Chief District Health Officer /Med. Supt.-Civil Hospital**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Develop inventory of personnel, resources and facilities.(Task Force)		1 week.
Training.(Task Force)	Coordination with GSDMA.	6 months.
Establish Control Room.		
Prepare for specific diseases by season (e.g., monsoon)		
Establish Epidemiological Reporting System (ERS).(Task Force)		
Identify disease vulnerable areas.(CDHO)		
Improve public awareness.(Media Task Force)		
<b>Warning</b>		
Send out warning to health facilities.(Task Force)		As received.
Mobilize health teams to possible disaster areas.(Task Force)	In coordination with Control Room.	As needed.
Activate Task Force for whole district.(DHO)		On warning.
<b>Disaster</b>		
Begin first aid efforts.(Task Force)		Within 1 hour of disaster.
Establish status of health care system.(Task Force)	Requires communications.	Within 6 hours of disaster.
Begin referral of injured to upper-level facilities.(Task Force)		Within 1 hour of disaster.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
Implement SOP form an agement of deceased.(Task Force)	Involves cooperation with Law And Order and SAR Task Force.	Within 1 hour of disaster.
Coordinate efforts with Control Room and other Task Forces.		Within 2-3 hours of disaster.
<b>12Hours</b>		
Begin to call in out side resources. (Task Force)	Involves Telecommunications and Logistics Task Forces and Control Room.	Within 3 hours.
Establish temporary medical facilities where needed.(TaskForce)	Coordination with Public Works,Power,Water,and Law and Order TaskForces.	Within 24 hours.
Expand surveillance of health status.(TaskForce)		Within 24 hours.
Establish shift system for staff.(Task Force)		At beginning of period.
Visit and review health status in shelters.(Task Force)		Within 24 hours.
Develop health care system recovery plan.(Task Force)	In coordination with Control Room.	2-3hours.
<b>48Hours</b>		
Establish formal health care system reporting. (TaskForce)		At beginning of period.
Start solid waste and vector control management SOP.(TaskForce)		At beginning of period.
Start waste water management SOP.(TaskForce)		At beginning of period.
Focus health status surveillance on children 0to5years.		Implementsin one week.
Establish public awareness and IEC efforts.(Task Force and Media Task Force)		At beginning of period.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>72Hours</b>		
Develop demobilization plan.		By beginning of period.
Lessons Learned meeting.		Within 14 days of disaster.
Final Report		Within 14 days of disaster.

- **Animal Health and Welfare:** Provision of health and other care to animals affected by a disaster.

**Task Force Leader:** Deputy Director, Veterinary and Animal Husbandry

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Update animal list. List of staff & training for disposal of carcass. (Task Force)		Done.
Stock medical supplies and vaccines. (Task Force)		Done
<b>Warning</b>		
Alert staff (by phone). (Task Force)		As warnings received.
Distributes supplies to vulnerable areas. (Task Force)		During warning period.
Contact Control Room. (Task Force)		As required.
<b>Disaster</b>		
Remove and destroy carcasses. (Task Force)	Need fuel and logistics.	As soon as possible.
Treat injured animals. (Task Force)		As soon as possible.
Issue certification of death. (Task Force)	For insurance purposes.	Within 48 hours.
Call in staff from other districts as needed. (Task Force)		As needed.
Assist local authorities in survey of damage and reconciliation of records.		As required.
<b>48 Hours and Beyond</b>		
Assist local authorities in providing fodder as needed.		As required.
Collect feedback. (Task Force)		
Final Report. (Task Force)		In 15 days.

- **Shelter:** Provide materials and supplies to assure temporary shelter for disaster-affected populations.

**Task Force Leader: District Primary Education Officer**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Develop shelter operating procedures.(Task Force)		
Develop inventory of shelters (location, capacity,...).(Task Force)	UNDP project in inventory.	
Provide information to other Task Forces on location of shelters.(Task Force)	Logistics, Water, Power, SAR, Food/Relief Supplies Task Forces And Control Room	
Training for shelter managers.(Task Force)	Need training module.	
<b>Warning</b>		
Mobilize shelter managers.(Task Force)		Within 6 hours of warning.
Review shelter locations for operating status.(Task Force)	Communications needed.	Within 6 hours of warning.
Open shelters as instructed.	Coordination with Control Room.	Within 6 hours of warning.
Mobilize additional resources for shelters and camps.(Task Force)	Cooperation with Logistics, Food And Relief Supplies, Water and Power Task Forces.	Within 6 hours of warning.
Provide public announcements on locations and status of shelters. (Media Task Force)		Within 6 hours of warning.
<b>Disaster</b>		
Beginning logging-in of occupants.(Shelter managers).		Immediately.
Report on status of shelters.(Task Force)	To Control Room.	As needed.
Plan for prioritization of shelter use.(Task Force)	Coordination with evacuation Operations and Control Room.	Immediately.

<b>Action and (Who Should Take It)</b>	<b>Requirements or Conditions to Be met for the action can occur.</b>	<b>Time frame</b>
Coordinate with other Task Forces on water, power, food, health, security. (Task Forces)		Immediately.
Provide support and assistance to occupants.(Task Force)	Liaise with Animal Task Force on management of animal and with HealthTask Force on health care.	
<b>12 Hours</b>		
Continue operations.(Task Force)		Continuously
Monitor shelter status and movement of people.(Task Force)		Continuously
Mobilize additional resources.(Task Force)	Coordinate with Control Room And Logistics Task Force.	Continuous.
<b>48 Hours and Beyond</b>		
Begin Demobilization as appropriate.(Task Force)		
Begin reconditioning /repairs to shelters.(Task Force)	In cooperation with Public Works Task Force.	As needed.
Lessons Learned session. (Task Force)	Involvement of other Task Forces and evacuees.	14 days after completion of operations.
Final Report.(Task Force)		1 months after completion of activities.

- **Logistics:** Provide air, water and land transport for evacuation and for the storage and delivery of relief supplies in coordination with other Task Forces and competent authorities.

**Task Force Leader: District Development Officer**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Conduct resource inventory (air/land/water transport and storage; inside And out side district.)(Task Force)		1 month.
Establish deployment requirements, procedures and alternate options. (Task Force)		1 month.
Conduct drills.(Task Force)		1 month.
Coordinate with other Task Forces.	Work through Control Room.	As needed.
<b>Warning</b>		
Alert and mobilize Task Force members. (Task Force)		Within 1 hour of Receiving warning.
Mobilize transport and other resources for action on short notice Depending on disaster expected.(Task Force)	Coordination with Control Room	Within 2-3 hours of warning.
Liaise with Control Room and SAR, Shelter and Food/Relief Supplies Task Forces.		Within 1 hour of Receiving warning.
Review plan and determine if outside resources are needed.(Task Force)		Within 6 hours of Receiving warning.
Plan for logistics based depending on nature of disaster.(Task Force)	Coordinate with Control Room And Food and Relief Supplies Task Force.	As needed.
<b>Disaster</b>		
Take action based on instruction from Control Room.(Task Force)		Within 2 hours of receiving warning.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action an occur.	Time frame
Continually review requirements and resources.(Task Force)		Continuous.
Develop operations plan. (Task Force)	Coordinate with Control Room and Food and Relief Supplies Task Force.	Within 2 hours of receiving warning.
Strengthen liaison with Control Room and key Task Forces.(Task Force)		Within 2 hours of Receiving warning.
<b>12Hours</b>		
Respond to increased demand for logistics.(Task Force)		Continuous.
Begin rotation of staff.(Task Force)		Atstart ofperiod.
Establish logistics bases as needed. (Task Force)	Coordinate with Control Room and Food and Relief Supplies Task Force.	Continuous.
Review plans and communicate with other Task Forces.(Task Force)		Continuous.
Begin regular reporting and documentation.(Task Force)		At start of period.
<b>48 Hours</b>		
Reassessneeds andrequirements.(Task Force)		Continuous.
Beginmobilizationasappropriate. (TaskForce)		
<b>72 Hours</b>		
Lessons Learned meeting.	Include Shelter, Food and Relief Supplies in meeting.	Within 14days of disaster.
Final Report		Within 14days of disaster.



- **Damage Assessment and Survey:** Collect and analyze data on the impact of the disaster, develop estimates of resource needs and relief plans, and compile reports on the disaster as required for District and State authorities and other parties as appropriate.

**Task Force Leader: Resident Additional Collector**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Establish assessment procedures and forms.(Task Force)	Collaboration with GSDMA.	
Compile base line data.(Task Force)	Collaboration with UNDP project.	
Establish assessment groups and teams.(Task Force)		
Develop an assessment coordination plan.(Coordination and Planning Task Force)		
Develop a communications plan.(Task Force)	In cooperation with Telecommunications Task Force.	
<b>Warning</b>		
Mobilize Task Force. (Task Force)		Within 6 hours of warning.
Review Plan.(Task Force)		Within 6 hours of warning.
Consider pre-disaster impact assessment.(Task Force)	Based on expected nature of disaster.	Within 6 hours of warning.
Active village-level assessment teams.(Task Force)		Within 6 hours of warning.
<b>Disaster</b>		
Consider safety of assessment teams.(Task Force)		Immediately.
Start planning for assessment.(Task Force)		As initial impact information is available.

<b>Action and (Who Should Take It)</b>	<b>Requirements or Conditions to Be met for the action can occur.</b>	<b>Time frame</b>
Begin initial assessment procedures.(Task Force)		When conditions allow.
Communicate assessment plans to Control Room.(Task Force)		Once initial plan is developed.
<b>12 Hours</b>		
Publicly disseminate assessment plans and reports.(Media Task Force)		As available.
Initiate continual updating of assessment information.(Task Force)	Coordinate with Coordination and Planning Task Force.	
Initiate continual updating of assessment plans.(Task Force)	Coordinate with Coordination and Planning Task Force.	
Coordinate with other Task Forces.(Task Force)		
Begin staff rotation and secure more staff as needed.		At beginning of period.
<b>48 Hours</b>		
Prepare detailed damage, losses, needs assessment and long term Recovery plans.(Task Force)	Coordinate with other Task Forces.	3-5 days after disaster.
Coordination of requirements, plans and activities.	Working through Control Room and Coordination and Planning Task Force.	Continuous.
<b>72 Hours</b>		
Lessons Learned meeting.	Include Shelter, Food and Relief Supplies in meeting.	Within 14 days of disaster.

- **Telecommunications:** Coordinate and assure operation of all communications systems (e.g., radio, TV, phones, wireless) required to support early warning or post-disaster operations.

**Task Force Leader: Sub Divisional Engineer(MIS)-BSNL**

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
<b>Before a Disaster</b>		
Develop telecommunications inventory and SOPs. (Task Force)	Telecommunication straining.	
Coordinate with other Task Forces.(Task Force)		
Identify sites of vulnerable system components.(Task Force)		
Ensure redundancy in communications systems.(Task Force)	May require close liaison with Private sector providers.	
Training in communication skills and methods.(Task Force)		
<b>Warning</b>		
Verify communication systems are working.(Task Force)		Within 24 hours of warning.
Mobilize Task Force.		Within 24 hours of warning.
Repair down systems and establish alternate communications systems. (Task Force)	Coordinate with Control Room.	Within 24 hours of warning.
Mobilize resources.(Task Force)		Within 24 hours of warning.
Facilitate telecom demands of other Task Force members.(Task Force)		
<b>Disaster</b>		
Check status of communication systems.(Task Force)		In 2-3 hours.
Identify damage to systems.(Task Force)		First information available in 2-3 hours.

Action and (Who Should Take It)	Requirements or Conditions to Be met for the action can occur.	Time frame
Contact Control Room and other Task Forces on telecom needs. (Task Force)		In 2-3hours.
Start repairs.(Task Force)		In 2hours.
<b>12 Hours</b>		
Mobilize out side resources (may start earlier).(Task Force)		Continuous.
Complete plans for repairs and re-establishment of systems. (Task Force)	Coordinate with Control Room.	Continuous.
Liaise with Control Room and other Task Forces.		
Start shift system for staff.(Task Force)		At beginning of period.
<b>48 Hours and Beyond</b>		
Continue to assist other Task Forces.(Task Force)		
Continue repair work. (Task Force)		
Begin demobilization.(Task Force)		
Lessons Learned meeting.	Include Shelter, Food and Relief Supplies in meeting.	Within14 daysof disaster.
Final Report. (TaskForce)	Involve other Task Forces.	Within one months of End of operations.

➤ **Media & information Management:**

**Task force Leader: Ass. Director Information**

<b>Action and (Who Should Take It)</b>	<b>Requirements or Conditions to be met for the action can occur.</b>	<b>Time frame</b>
<b>Before a Disaster</b>		
Coordination with various Print and TV Media	Disseminate the DRMP programme Activities	
Awareness Generation Programmes for Media	May have workshops and seminars	
Mass awareness for community	Large scale publicity for community awareness	
<b>During Disaster</b>		
Media Briefing Meeting	Timely Briefing of the situation	After every 4 hours
Supporting Incident commander and other leaders	Discuss current media briefing status in meetings	Everyday
Ensure proper and correct coverage	Steps taken to minimize the rumors	As and when found required

## **Standard Operating Procedure and Roles and Responsibilities of Different Key Departments and Taskforces**

The Present plan document identifies the roles and Responsibilities of the organization, in key identified sector. Taskforces have constituted for taking response measures in sectors. Action plan has been prepared for each task force which covers their roles & responsibilities in development of incident / emergency. It is expected that each task force shall develop the standard operating procedures for specific disaster / emergency. District collector has to ensure that all the members acquire knowledge and skills to perform their assigned roles.

### **A) DISTRICT MAGISTRATE & COLLECTOR**

- Being chairperson and Incident commander of the district for Disaster Management, he will be in over all command & emergency action to control a kind of emergency effectively for the district.
- The Chair person has to perform the roles as follows:
- Preparation and updating of District Disaster Management Plan for the District.
- To ensure that every one is able to perform the role involved in emergency service effectively.
- To activate and maintain the District Control Room round the clock. To provide essential facilities with the District control room.
- To access emergency situation and have to declare the emergency, call and direct the emergency services to respond the emergency by providing reinforcement and support by pooling the resources from the District and if required from the State.
- The arrangement for rescue, evacuation, shelter, food, water, clothing, and transportation to affected area, announcement to the public.
- To keep inform to the higher authority time to time to declare the withdrawal or termination of emergency.
- Rehabilitation, Restoration, Cleaning, etc. on post emergency actions.
- To submit the reports on emergency. To conduct the meetings.
- To conduct the mock drill.

## **B) DISTRICT DEVELOPMENT OFFICER**

- Being a responsible person of Taluka / District the following actions are to be given prime importance for emergency purpose.
- To ensure the different authorities, agencies, organization persons, as specified their role, should participate immediately during emergency in district pocket area.
- To advice and guide different panchayat department and local representatives for mitigate and prevent aspects of disaster management and coordinative approach at the time of emergency.
- To participate in the meeting, mock drill & training.
- To prepare own detailed action plan to ensure effective control on emergency.
- To liaison & co-ordination with chair person, Central Control Room, emergency services, organization, agencies, agencies person etc.
- To support all other duties as specified by District Collector.

## **C) POLICE DEPARTMENT**

- Another authority who gets the first information on incident/accident is police department. The following actions are to be carried out by police department.
- To access the situation and report immediately.
- To maintain the law and order during the emergency to control the traffic and control the affected area.
- To protect the life of people, inside, outside as well as road movers.
- To protect the property & environment & public announcement.
- Evacuation, rehabilitation, shelter & transportation work during the emergency as per prevailing situation.
- To help & assist to make area clean, removing of any structure and others similar work as required during actual emergency.
- To participate in the meetings & Mock Drill/Rehearsal & Training.
- To liaison with Central Control Room and other emergency services/organization/agencies.
- To prepare their own details action plan & to ensure the provision to handle the emergency.

#### **D) FIRE SERVICES**

- Most probably, the first information regarding any incidence / event is received by the fire services. Thus, fire service being first informant has to play the major role during the emergency.
- Inspection, survey & assess the situation where incident occurs & give the report.
- To decide the proper & effective actions and immediate response actions to control the emergency, under intimation to Central Control Room or Chair Person.
- Proper training to fight against different hazards
- Rescue, Evacuation, Removal of debris, and other emergency work as directed or instructed.
- To maintain the proper and adequate firefighting, equipments, neutralizing media, self-breathing apparatus, emergency equipments, personnel protective equipments with keeping in working order.
- The knowledge & information on different type of alternative resources, various types of extinguishing media, neutralizing media, chemical properties and their hazards with safe handling procedure.
- To participate the meetings Mock Drill / Rehearsal & training.
- To liaison with Central Control Room and other emergency services.
- To prepare their own details action plan & to ensure the provisions to handle the emergency.
- Other duties as required during actual emergency.

#### **E) HEALTH DEPARTMENT**

- The health and medical services have to play vital role following the emergency. One fold is proper & timely treatments to the victims injured or affected persons. Other fold is to safeguard the public health.
- To ensure the arrangement & preparedness for special medical treatment antidotes and trained doctor Para-medical staff as specified in toxicology at the time of industrial emergency in local pocket area.
- On declaration of emergency or on receiving the message or information, prompt medical facilities should be set up e.g. first aid post, casualty receiving center/ camp, as per gravity of situation at site. Similarly, arrangement for emergency operation or special treatment on



chemical burn, injury, gas dispersion etc. with adequate arrangement, which will can serve the purpose of Base Hospital.

- Identification of dead bodies and post mortem arrangement.
- To maintain up to-date list with telephone nos. of services of doctors, hospitals,
- Ambulance, primary health center, Para-medical staff, vehicle to meet the emergency situation.
- Arrangement to inform the up to-date status time to time to DEOC, Chair Person, and Relatives of injured or admitted patients, emergency services etc.
- Arrangement to safe guard the public health in case of development of epidemic situation & announcement on safety measure to be taken by public at the time of emergency situation.
- To advice & guide the different stake holders in respect of medical & health part time to time.
- Provision for proper and adequate medicines, life saving drugs, equipments, antidotes etc. related to different hazards.

- To participate meetings, mock drills /examine and training.
- To prepare own detailed action plan to ensure the effective handling of different kinds of emergencies.
- To liaison with DEOC,Chairperson, emergency services organization, agency and other related person.
- Other duties as required during actual emergency.

#### **F) RTO**

- To respond to collector and police instructions in different kinds of emergency
- To provide adequate requirements for both persons and material.
- To arrange for deployment of vehicles with full fuel levels.
- To streamline traffic flow and parking yard movement.
- To co-ordinate in deployment of vehicles,if required.
- To participated meeting, mockdrills&training.
- To prepare own detailed action plan to ensure effective handing at the time of actual emergency.

#### **G) Civil Supplies Department**

- To arrange to provide cooked food and clothing to evacuees and others involved in emergency controlling operation.
- To ensure availability of sufficient cooked food, water ready for distributaries at various locations.
- To participate in the meeting, mockdrills&training.
- To prepare own detailed action plan to ensure effective handling of emergency.

#### **H) Asst.Director-Information**

- The proper and correct news should be reach to the public to avoid rumours and panicky. The role of District information officer is to create awareness and preparedness amongst the public for different hazards because of wide & fast spreading news.
- To participate in the meeting, mockdrill /exercises and training.
- To assist the public in case of rescue operation and authentic news.

- To liaison&Co-ordination with Chairperson, Central Control Room and emergency services.
- Ensure to safeguard the public at large during actual emergency by providing correct reliable authentic guidelineand news.

#### **I) ELECTRICITY BOARD (MGVCL)**

- To arrange forun-interrupted power supply, if needed.
- To arrange for lighting at temporary medical camps, rallying points and parking yards.
- To take care of electrical equipment within affected zone.
- Arrange for switching off power supply if requested by authority.
- To participate in the meeting, mockdrills&training
- To prepare own detailed actionplan to ensure effective handling of emergency

#### **J) Regional Officer (GPCB)**

- To participate in the meetings, mockdrill/exercises and training.
- To prepare own detailed action plan to ensure the effective control of industrial emergency &subsequentaction.
- Liaison with central control Room, chairperson, Emergency Services, Organization agencies &other relatedpersons.
- Advice&Guidance to the District Crisis Group in Respect of environment protection in the industrial pocket.
- To provide the technical input regarding environment and evaluate the contamination or adverse effect during industrial emergency.

- To provide the details & information on development of emergency situation regarding in safe level to the life and suggest area to be evacuated and other safety measures.
- Other duties or work as directed by District crisis group or chairperson.

#### **K) Representative Form MAH Units**

- The management of major accident hazardous unit has to maintain up dated onsite emergency plan with necessary details with accurate information and a correct assessment of the situation. The site main controller is responsible to provide immediately on occurrence of crisis at his unit with specific details, development and needed help from local crisis group & district crisis group. He will arrange & provide all the resources, equipments, manpower, and communication network from his own unit and co-ordinate with local crisis group & district crisis Group to combat the industrial emergency.

#### **L) Role of other members of District Crisis Group**

- The other members like controller of explosives, trade union representative, agriculture department, and other government agencies, etc. have to perform the various duties. However, the following are the suggested duties as required during the emergency:
- To participate in the meeting, mock drill/exercise and training.
- To assist the public in proper way in case of rescue and evacuation during actual emergency.
- To advice and guidance to the District crisis group & Chairperson.
- To arrange and help the supporting actions and duties in respect of industrial emergency
- To provide more and adequate resources & various requirement to tackle the industrial emergency immediately.
- Liaison & co-ordination with Central Control Room and emergency services.

#### **M) Volunteer Organizations (N.G.O.)**

- The voluntary organization / services can play vital role in relief & rescue operations like arrangement of food packets & packing up of the same, distribution of the food packets and drinking water, arrangements of life saving drugs & distribution of the same, can play a major role in awareness generation, to convince the person / public to evacuate the
- residence / place and to shift to safe shelter timely during emergency. Other wise it may result more serious effect. To save the life of public is more important factor, which will be successfully carried out by the voluntary organization. The list of such organization with address, telephone no. organization etc. will be prepared and up-dated time to time.

#### **N) Railway Authority**

- On getting information at the time of disaster from Central Control Room, the Divisional Manager, western Railway, Godhra will take following actions:
- To issue the standing instruction to all railway gates to take actions on receiving the message from the Station Master.
- To decide authority level of railway staff to take actions.
- To carry out evacuation by railway, if required.
- To take care of floating population at railway stations and on board travelers.
- To issue the standing instruction to station Masters on up and down railway stations to stop the train as soon as emergency message is received from DEOC and CCR.

#### **O) Irrigation Department**

- Play vital role in pre, during and post form of emergencies particularly in floods.
- Proper management of dams, irrigation canals, ponds and timely maintenance of the same.
- Inform DEOC and respective stakeholders in case of water release from the dams.
- Start their control room at the time of monsoon.
- Follow the instructions mentioned with the Flood memorandum.
- To participate in the meetings, mock drill/exercises and training.
- To prepare own detailed action plan to ensure the effective handling of different kinds of emergencies.

**P) R&B Department**

- To play vital role in pre,during and post form of emergencies.
- Pro per management of roads and buildings and timely maintenance of the same.
- Inform DEOC and respective stakeholders‘diversion of routes,closingstatus of the roads etc.
- Ensure safety terms while establishing or developing of bridges, dams, roads, buildingsetc.
- To participate in the meetings, mockdrill/exercises and training.
- To prepare own detailed action plan to ensure the effective handling of different kinds of emergencies.
- Liaison with DEOC, Chairperson, emergency services organization, agency and other related person.
- Other duties as required during actual emergency.

# **DISASTER SPECIFICATION PLAN**

# **CHAPTER-5-DISASTER SPECIFICATION PLAN**

## **(1) Floods Action Plan**

As per the risk and vulnerability analysis of the district, Panchmahal has risk of floods in many areas of the district. The District has two major rivers viz. the river Panam that flows across the Godhra, Morva and Shahera Taluka and the river Mahi flows across Shahera and Godhra Taluka through the district; more over to these, major *water bodies* like Hadaf Dam, Panam Dam and Deo dam and Karad reservoir are also so the possible sites from where the risk of floods is possible.

The talukas of the district with major wards of the city are the possible sites which are either affected during the heavy rain fall or water logging or by water release from the dams or reservoirs.

### **Early Warning & Communication:**

#### **GENERAL TERMINOLOGY USED IN WEATHER BULLETINS**

##### **(A) Intensity of Rainfall Terminology Used**

1. 0.1 mm to 2.4 mm (24 hrs) ----- Very light rain
2. 2.5 mm to 7.5 mm ----- Light rain.
3. 7.6 mm to 34.9 mm ----- Light to Moderate rain
4. 35.0 mm to 64.9 mm ----- Moderate rain
5. 65.0 mm to 124.9 mm ----- Heavy rain
6. Exceeding 125 mm ----- Very Heavy rain.

##### **(A) Special distribution of weather phenomenon Percentage Area Covered Terminology Used**

1. 1 to 25 ----- Isolated
2. 26 to 50 ----- Few Places
3. 51 to 75 ----- Many Places
4. 76 to 100 ----- Almost Places



### **(C) Emergency Situation**

1. When water level is rising above the danger of H.F.L
2. When intensity of rainfall is above 65 mm/hr
3. When breaches are anticipated and which may cause disaster
4. When water levels are rising abruptly and which may cause disaster

### **(D) Evacuation**

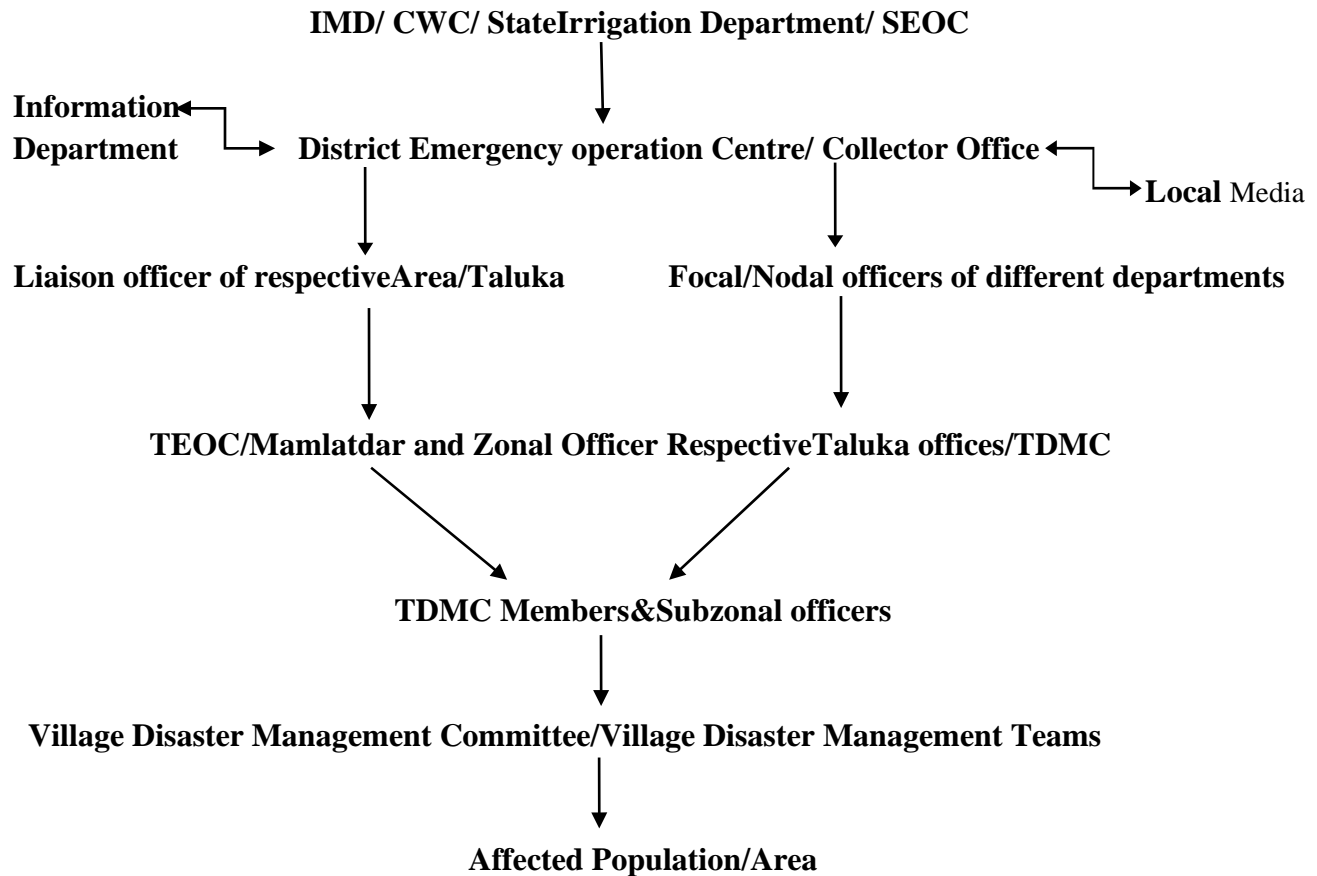
- (1) White Signal-Alert condition
- (2) Blue Signal-Ready for Evacuation
- (3) Red Signal-Immediate Evacuation

As and when the warning come from Indian Metrological department (IMD), or from Irrigation department regarding heavy rainfall or water release the following channel has been intimated and appropriate message conveyed to the concerned department / official / controlrooms / community members using telecommunication, wireless message, by fax or in written by DEOC.

In city area the route has been finalized for early warning, accordingly early warning task force leading by fire brigade personnel, spreads the message of alert in respective low line areas, in villages local methodologies of early warning has been used (by beating up of drums etc.) to communicate the message of alert to the affected population of the village.

The following channel has been intimated and appropriate message conveyed to the concerned.

### **Early Warning & Communication Chart:**



### **Response:**

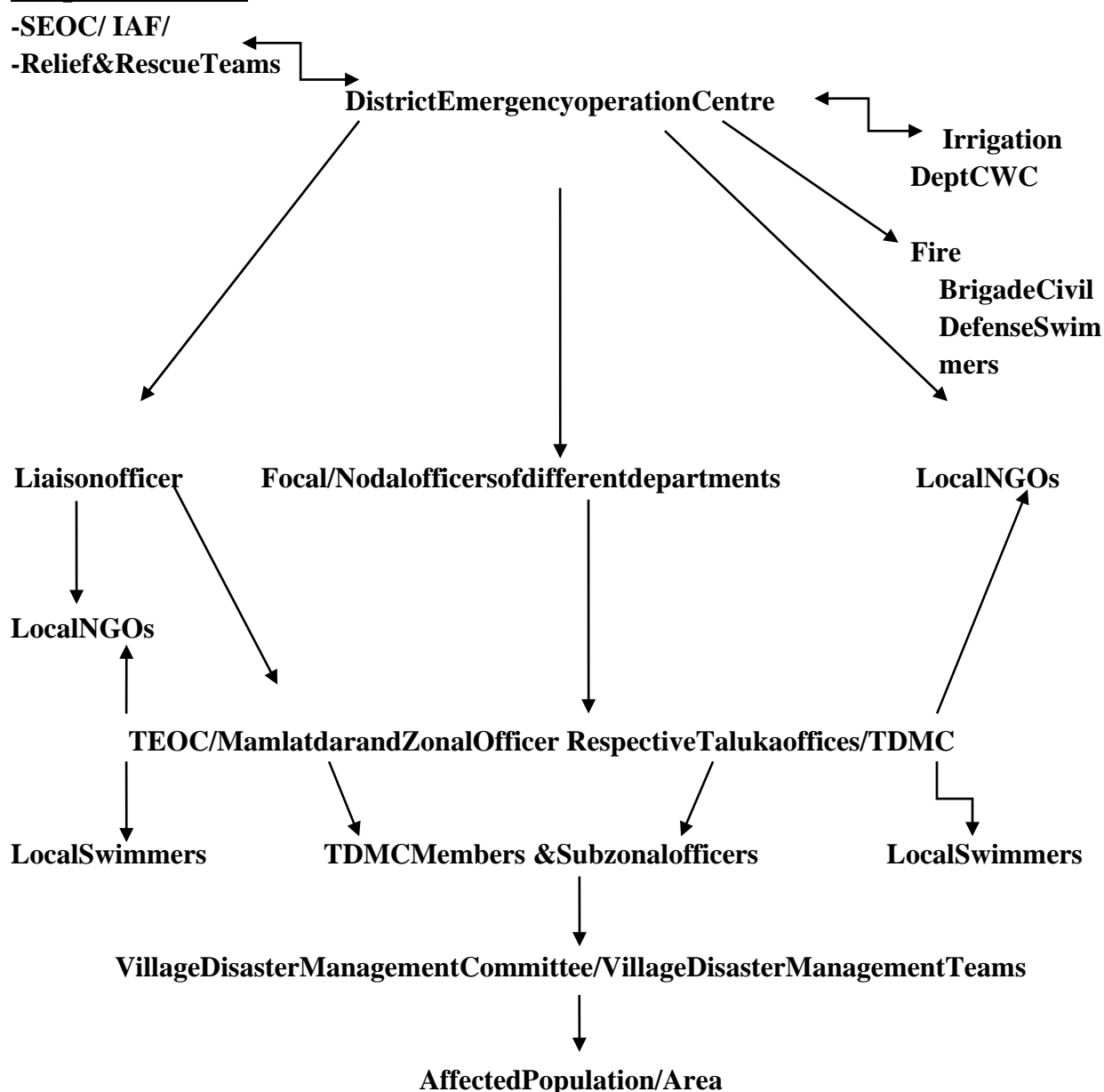
The response mechanism would be the same as describes with the general response mechanism chapter, here the focus will be on Irrigation department, administrative officials and the affected areas/population.

When early warning has been circulated the same department heads, focal officials and administrative heads will put their own DM plan into the action and the response activities will be carried out accordingly.

- ❖ As disaster declares the response managed and monitored through DEOC,
- ❖ All the concerned DDMC members along with the Liaison officers and response group members are intimated to respond to the situation as described in the below chart.
- ❖ As per the impact of disaster it will manage through DEOC / TEOC and if needed support of Stateor Central departments will be requestedto deal with the situation.

- ❖ DM Plan of Irrigation Department, Flood memorandum, TDMP, CDMP and other DM Plan will be referred as and when it is required to respond in case of floods.
- ❖ The list of trained swimmers is incorporated with Annexures.
- ❖ Equipments for flood rescue like boats LifeJackets, Lifebuoys, Dewatering pumps etc.
- ❖ Database of SDRN and IDRN (Manually and Electronic) will be referred for flood response.

### **Response Chart:**



**Post Emergency:** Focus will lie on Medical Treatment, Disease Control, Poison control, Reconstruction & Rehabilitation, Floodwater Removal, and Providing Relief—Clothing, Shelter, etc. to affected people, Damage Assessment, Funeral processes.

**Temporary Shelter:**

- ❖ For temporary shifting of affected persons, temporary shelters are used during the effect of floods.
- ❖ primary schools, Secondary/Higher secondary schools, Community hall, Colleges etc. as temporary shelter for flood affected persons and incorporated the same with their DM Plan which is used at the time of floods.
- ❖ Primary/Secondary/Higher secondary schools, Colleges, Community hall etc. of taluka and villages are used as temporary shelter and the focal officer for the same is DEO and DPEO.

## **(2) Industrial/ Chemical Disaster Action Plan**

To deal with Industrial / Chemical disasters, separate Off site Emergency Plan -DM plans developed by Director Safety & Health Panchmahal, total coverage of Task force, Rescue Teams, Contact details, shelters, response mechanism etc.

Industries have their own Onsite Emergency Management Plans to deal with on site emergencies and the other major units like IOCL, BPCL etc. has developed their Disaster Management Plans.

Maintenance of permanently established machinery and shutdown mechanism can be monitored periodically with high concern, could be a major concern of risk in case of large scale industries/ petro chemical industries.

Under the chairmanship of DM & Collector the response will be managed and monitored from DEOC and Offsite control room, department wise response mechanism and response structure lied with Offsite emergency plan and will be referred the same at the time of chemical disasters which includes industrial fire, oil spill etc..

The response mechanism would be the same as describes with the general response mechanism chapter, here the focus will be on Industries, Offsite control room, District Crisis Group officials, Technical members, Member secretary-OCR, GPCB and Office of Assi. Director, DISH with different Industries DM Plan and experts of different chemical hazards.

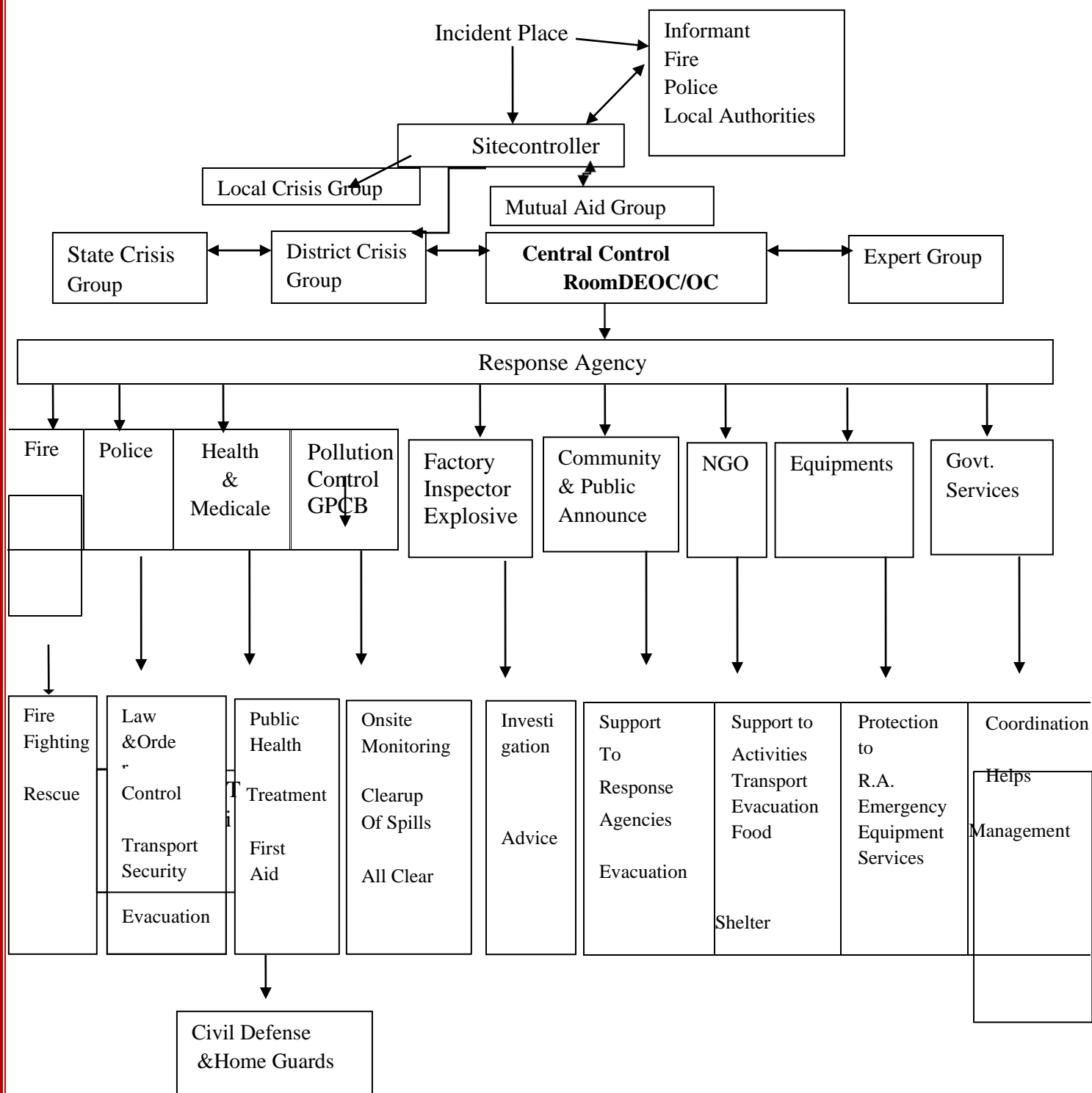
When there will be a chemical kind of emergency off site emergency plan with the DM plan of the concern industries comes in to the action and the response activities will be carried out accordingly.

- ❖ As Chemical disaster declares the response will be managed and monitored through DEOC / OCR
- ❖ All concerned DCG members with Liaison officers and response group members are intimated to respond.
- ❖ As per the impact of disaster it will manage through DEOC/OCR/TEOC and if needed

support of State or Central departments will be requested to deal with the situation.

- ❖ Offsite Emergency Plan, TDMP, CDMP and other Industries DM Plan will be referred as and when required to respond incase of chemical disaster.
- ❖ The list of Expert persons, indicative list of medicines and equipments, trained first responders for Search;Rescue &Medicare etc. are available with offsite emergency plan.
- ❖ Data base of SDRN and IDRN (Manually and Electronic) will be referred if needed in response.

Action Chart in case of Chemical / Industrial Fire / Oil Spill types of Emergencies is asunder:



### (3) Earthquake Action Plan

Panchmahals falls under zone-III according to the zoning map, that's why it can be possible that an earthquake between magnitudes of 4-5 can strike the district. But as there is fault line going through the District, earthquake of magnitude up to 7 can also strike and very high possibility of failure of various infrastructures and very high chances of risk of loss of live properties too in certain highly populated areas of the district.

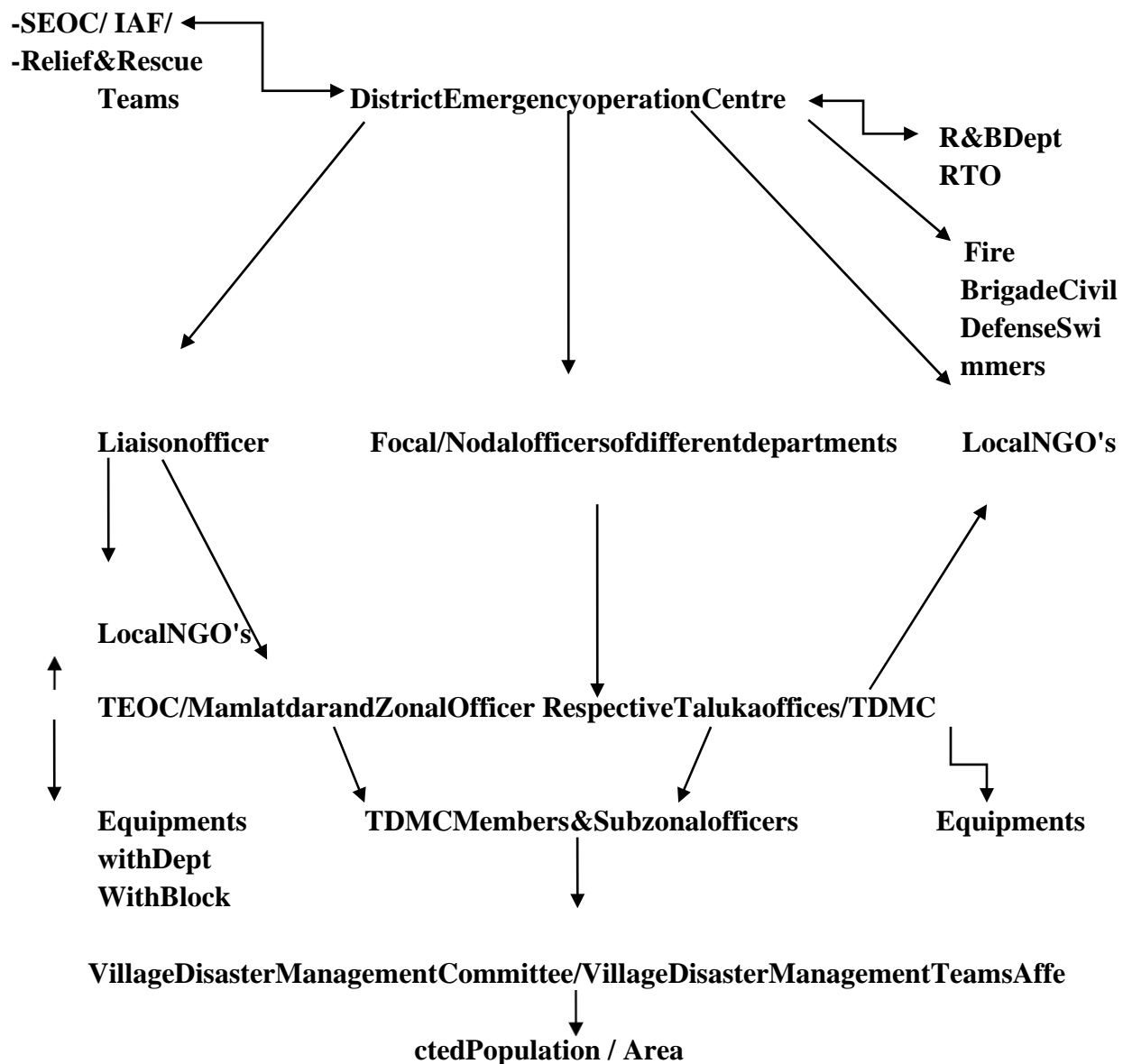
The response mechanism would be the same as describes with the general response mechanism chapter, here the focus will be on well-populated areas in particular city areas and the District disaster response group.

- ❖ As disaster declares the response managed and monitored through DEOC.
- ❖ All concerned DDMC members with Liaison officers and response group members are intimated to respond to the situation as described in the below chart.
- ❖ As per the impact of disaster it will be managed through DEOC/TEOC and if needed support of State or Central departments will be requested to deal with the situation.
- ❖ Departmental DM Plan of all concerned departments, TDMP, CDMP and other DM Plan will be referred as and when it is required to respond in case of Earthquake.
- ❖ Database of SDRN and IDRN (Manually and Electronic) will be referred for flood response.

ZONES	MAGNITUDE
Zone-V	Greater than 7
Zone-IV	Greater than 5, Less than or equal to 7
Zone -III	Greater than 4, Less than or equal to 5
Zone -II	Greater than 3, Less than or equal to 4
Zone- I	Less than 3



## **ResponseChart:**



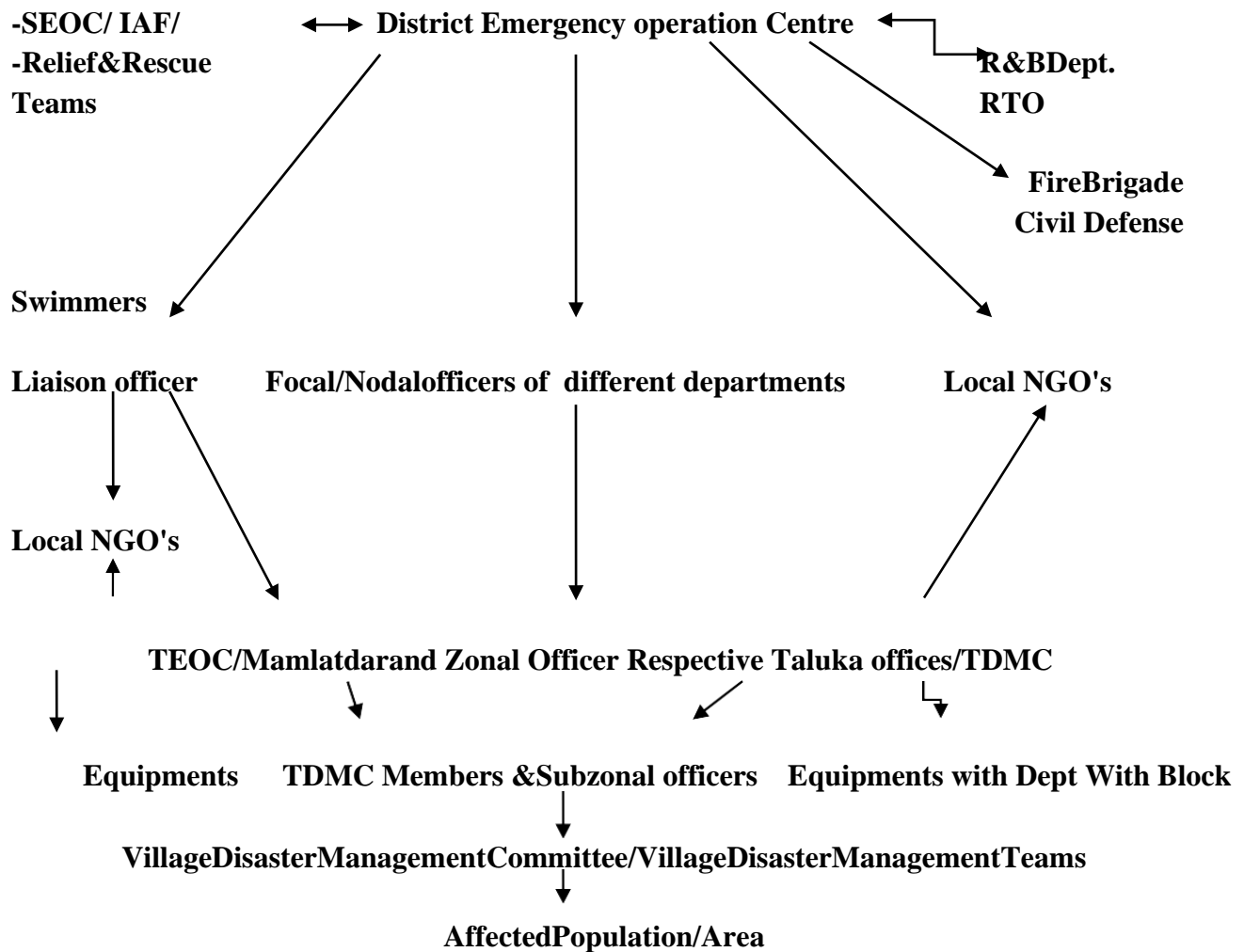
## **Temporary Shelter:**

- ❖ For temporary shifting of affected persons, temporary shelter is used during the effect of earthquake.
- ❖ In city area, in case of devastating earth quake the temporary shelters available with DEOC (Tarpaulin sheet with iron blades) can be used, tents with forest and other department and caterers can also be used as temporary shelter
- ❖ None damaged / safe government establishments can also be used as per the directions of chair person.

## **(4) Cyclone Action Plan**

Panchmahal District has no ocean and the taluk as of the district with major wards of the city are the possible site which can be affected during the heavy wind flow. Majorly the flood action plan will be referred at the time of cyclone.

### **ResponseChart:**



**Temporary Shelter:**

- ❖ For temporary shifting of affected persons, temporary shelter is used during the effect of Cyclone.
- ❖ Primary/Secondary/Highersecondary schools, Colleges, Community hall etc. of taluka and villages are used as temporary shelter and the focal officer for the same is DEO and DPEO.

## **(5) Biological Disaster Action Plan**

Majorly the people of urban area residing in district is affected by various types of Vector born disease and Water born disease in particular during the monsoon season. Frequent epidemics, especially during monsoon are common aspect for Panchmahal district.

Panchmahals district is endemic various water-borne diseases such as Cholera, Leptospirosis and Malaria. Several relatively minor ailments such as Diarrhoea are more common during the monsoon. Most importantly, there is always a danger of epidemics breaking out after floods arising due to different factors – inundation of wells under contaminated sewage water, through such flooded water. There is contamination of groundwater as well as well-water in such circumstances. Well water can be contaminated directly when sewage water enters the well during inundation.

Variety of groundwater pollution problems have emerged in the past two decades in district. Fluoride, nitrate and pollution from industrial effluents have caused contamination of aquifers in different parts of the district. Fluoride is present in several minerals such as Apatite and Hornblende are found in rocks of Igneous origin which leads high amounts of fluoride content in ground water. Increasing use of Nitrate-based fertilizers that are not fully consumed by plants result in leaching of excess Nitrates into aquifers. Further, human and animal faeces also contribute to rise of Nitrate content in ground water.

### **Response:**

Health department in particular Health department- District Panchayat, who will look after and respond such kind of disaster arising in Panchayat areas, such as taluka level and village level. Health department - District Panchayat has their own set of epidemics team and task force to respond in such kind of disaster, for sampling of the water, grains, food sample etc done by Laboratory of Food & Drug.

## **(6)Oil Spills and Mine Disasters Action Plan:**

State level action plan / department specific action plan / Industries specific action plan will be referred at the time of the above stated Disasters. The response mechanism would be the same as describes with the general response mechanism chapter.

- ❖ As disaster declares the response managed and monitored through DEOC.
- ❖ All concerned DDMC members with Liaison officers and response group members are intimated to respond the situation.
- ❖ As per the impact of disaster it will manage through DEOC/TEOC and if needed support of State or Central departments will be requested to deal with the situation.
- ❖ Database of SDRN and IDRN (Manually and Electronic) will be referred for response.

## **(7)Tsunami Action Plan:**

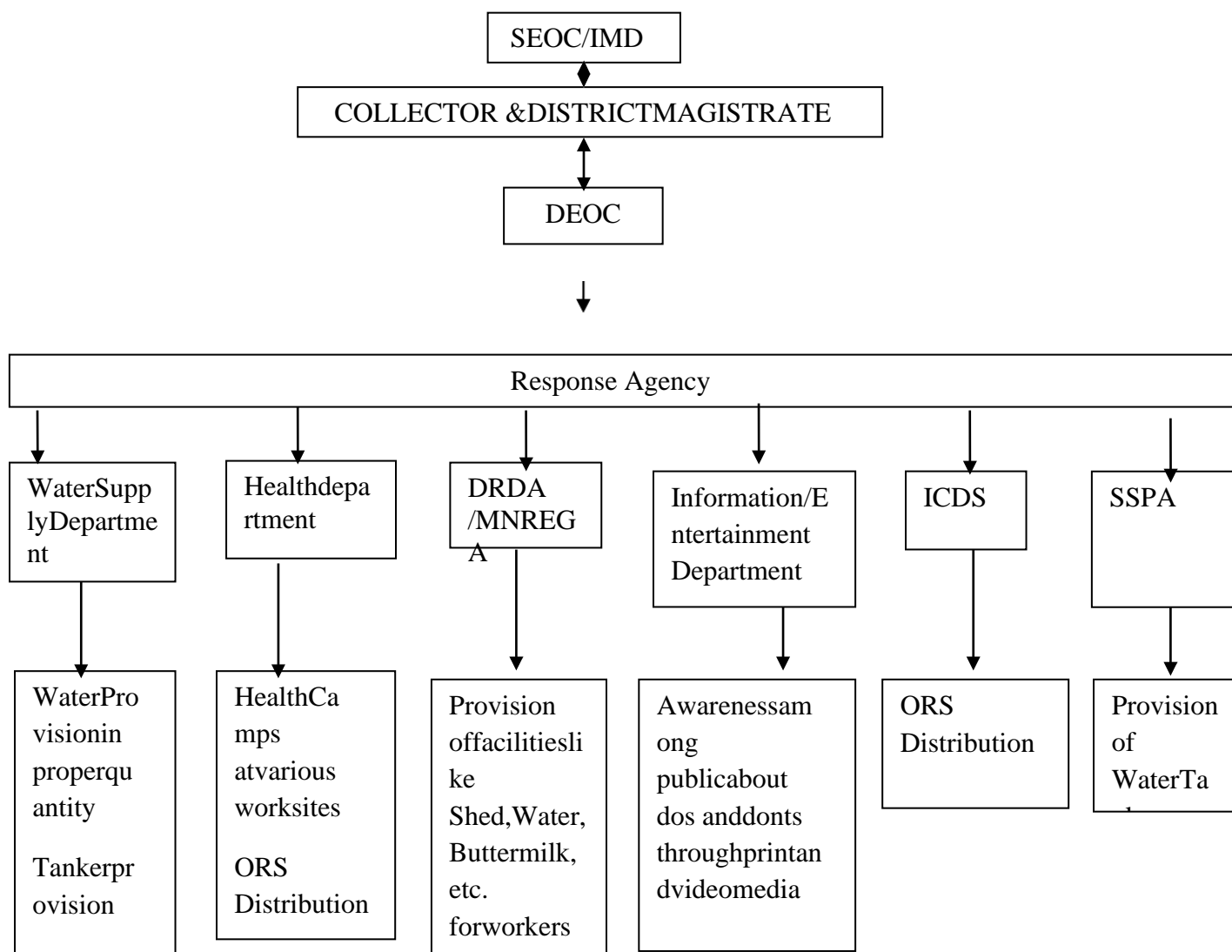
The possibility of the above stated disaster is very less with respect to Panchmahal District, but if the effect to it is felt by the other district will accordingly respond as per the State directions.

## **(8)Heat Wave Action Plan:**

Due to global warming effect, Heat Waves have become hazard for the human life. Though it cannot be called Disaster because according to Disaster's definition it does not fit into the condition of harming infrastructure and precautionary measures and timely response are required to cope up with it. India Meteorological department has started issuing different alerts for high temperature which areas follows:

Yellow Alert	41.1 to 43.0 Degree Celsius
Orange Alert	43.1 to 44.9 Degree Celsius
Red Alert	Greater or Equal to 45 Degree Celsius

Thus, according to these alerts Panchmahals has already been issued orange alert in the year 2016. And keeping in mind the impact of heat wave on human life following roles and responsibilities has been given to various departments in order to reduce the impact of heat wave:



The above table represents the responsibilities of different Departments for various provisions that will help public reduce the impact on their health. In addition to that, DO's and DONT's for reducing the impact of Heat Wave, has been issued by Gujarat State Disaster Management Authority, Govt. of Gujarat which are as follows:

# ગરમીમાં લૂ લાગવા (હીટ વેવ) થી બચો

## આરોગ્યલક્ષી સુચનો

- \* હીટ વેવ દરમિયાન સુધી બહાર નીકળવાનું ટાળવું, આખું શરીર અને માથું ઢંકાઈ તે રીતે સફેદ સુતરાઉ ખુલતા કપડાં પહેરવા, ટોપી, ચશ્માં, છત્રીનો ઉપયોગ કરવો.
  - \* નાના બાળકો, સગર્ભા માતાઓ, વૃદ્ધો તથા અશક્ત અને બિમાર વ્યક્તિઓએ તડકામાં વિશેષ કાળજી લેવી
  - \* સીધા સૂર્ય પ્રકાશથી બચો
  - \* ભીનાં કપડાંથી માથું ઢાંકી રાખો અવાર-નવાર ભીનાં કપડાંથી શરીર લૂછો વારંવાર ઠંડું પાણી પીવું
  - \* લીંબુ શરબત, મોળી છાશ, તાડફળી અને નારીયેળનું પાણી, ખાંડમીઠાનું દ્રાવણ, ઓ.આર.એસ. વગેરે પુષ્કળ પ્રમાણમાં પીવા
  - \* બાળકો માટે કેસુડાનાં ફુલ તથા લીમડાના પાનનો નાદવાના પાણીમાં ઉપયોગ કરવો
  - \* ગરમીમાં બહારથી ઘરે આવ્યા બાદ શરીરનું તાપમાન નીચું આવે ત્યારબાદ જ નહાવું, શક્ય હોય તો ઘરના બારી અને બારણા સાથે ખસતી ટટ્ટી પાણી છાંટી બાંધી રાખવી
  - \* દિવસ દરમિયાન ઝાડ નીચે, ઠંડક અને છાંયામાં રહેવું
  - \* બજારમાં મળતો ખુલ્લો, વાસી ખોરાક ખાવો નહીં, બજારમાં મળતા બરફનો ઉપયોગ ટાળવો, લગ્ન પ્રસંગે દૂધ, માવાની આઈટમ ખાવી નહીં
  - \* ઉપવાસ કરવાનું ટાળવું, સવારનું ભોજન ૧૨:૦૦ વાગ્યા સુધીમાં લઈ લેવું
  - \* ચા-કોફી અને દારૂના સેવનથી લૂ લાગવાની શક્યતા વધે છે, તેથી તેનું સેવન ટાળવું
- \* હીટ વેવની ચેતવણીના દિવસોમાં બપોરે બે વગ્યાથી ચાર વગ્યા સુધી બહાર નીકળવાનું ટાળવું

## લૂ લાગવા (હીટ વેવ) ના લક્ષણો

- \* માથું દુઃખવું, પગની પીડીઓમાં દુઃખાવો થવો
  - \* શરીરનું તાપમાન વધી જવું
  - \* ખૂબ તરસ લાગવી
  - \* શરીરમાંથી પાણી ઓછું થઈ જવું
  - \* ઉલ્ટી થવી, ઉબકા આવવા, ચક્રર આવવા, આંખે અંધારા આવવા
  - \* બેભાન થઈ જવું
  - \* સુધ-બુધ ગુમાવી દેવી (Confusion)
  - \* અતિગંભીર કિસ્સામાં ખેંચ આવવી
- \* વરીયાળી, કાચી કેરી, ગુલાબ, ખસ(વાળા), અને કાળી દ્રાક્ષનું શરબત લઈ શકાય, રાત્રે ૧૦ નંગ કાળી દ્રાક્ષ પાણીમાં પલાળી સવારે આ પાણી પીવું અને દ્રાક્ષ ખાવી, તરબુચનો ઉપયોગ સવારે અને બપોરે કરવો.

લૂ લાગવાની અસર જણાય તો તાત્કાલિક નજીકના પ્રાથમિક આરોગ્ય કેન્દ્ર કે સરકારી દવાખાનાનો સંપર્ક કરવો.



ગુજરાત સરકાર દ્વારા જનહિતાર્થે

# LINKAGES WITH OTHER STAKEHOLDERS



## **CHAPTER- 6**

### **LINKAGES WITH OTHER STAKEHOLDERS**

#### **(1) Partnership and Linkages with Stake Holders:**

With respect to regular communication, all the departments and agencies including specified departments like office of:

1. Asst Director, DISH
2. Gujarat Pollution control Board
3. Railways Authority
4. Air Force
5. Off Site Control Room is in regular contact with District Emergency Operation Centre.

Regular Meetings of District Crisis Group (DCG) consisting various departments head has been conducted in every three months period in which various issues have been discussed regarding Chemical /Industrial hazards like..

- Potential of chemical hazards in GIDC Areas.
- Mitigation steps to minimize the potential
- Regarding Awareness Generation Activities in Industrial Areas
- Training and Sensitization Programmes
- Regular onsite and Offsite Mockdrills
- Seminars and work shop with various local partners (Village Panchayat & Associations)
- Availability of experts
- Availability of Antidotes
- Escape routes
- Strengthening of Communication network

- Strengthening of resources
- Identification and validation of temporary shelters

Herein Panchmahal district, an offsite control room (OCR) is been functioning since long with the support of Mutual Aid Group, which focuses on the Chemical hazards and is in close coordination with DEOC. The OCR mainly deals with the preparedness and response aspects.

DM Plan of GPCB, Offsite Emergency Plan through office of the Joint Director, DISH has been received herein DEOC, certain environmental and industrial hazard related issues always discussed and directed to them for further technical guidance with respect to particular issue.

## **(2) Academic / Scientific and Technical Organizations:**

There are many of the academic, scientific and technical institutions / organizations in Panchmahal district that are directly or indirectly concerned with Disaster Management Issues.

For instance:

1. Gujarat Energy and Research Institute which studies and research on the energy related issues,
2. Many of Fire Safety and Disaster Management institutions run in various parts of the district, mainly in Shahera Taluka which are focused on Fire Safety and Disaster Management Studies.
3. Health related institutions like Red Cross Society which are concerned with DM

## **(3) Media Management:**

Majorly at the time of disaster the print as well as electronic media is managed by the chairperson himself or appoints the person of Dy. Collector rank to deal with media personnel. As per his direction the news or information shared with the media personnel from DEOC.

# RECOVERY MEASURES

## **CHAPTER- 7**

### **RECOVERY MEASURES**

**Disaster recovery is viewed by some people as a fight against nature to restore order in a community. However, the disaster recovery process is not a set of orderly actions triggered by the impact of a disaster upon a community. Rather, disaster recovery is a set of loosely related activities that occur before, during and after a disastrous event. These activities can include:**

- Warning and Public Information
- Evacuation and Shelter
- Search and Rescue
- Damage Assessment
- Debris Clearance, Removal and Disposal
- Utilities and Communications Restoration
- Re-establishment of major transport linkages
- Temporary housing
- Financial management
- Economic impact analysis
- Detailed building inspections
- Re-development planning
- Environmental Impact Assessment
- Demolition
- Reconstruction
- Hazard mitigation; and
- Preparation for the next disaster.

Recovery has two phases i.e. Short term and Long term Recovery. Class I officers from various line departments are deputed as Liaison Officers for each Taluka, and they are responsible for

monitoring and working with the local administration in both phases of recovery operations under the guidance of the District Collector. Search and Rescue, Damage Assessment, Public Information, Temporary Housing, Utility Restoration and Debris Clearance are essential elements of short-term recovery. The efficacy of their implementation affects long-term decisions.

Long-term recovery begins when a community starts to repair or replace roads, bridges, homes, and stores. It is also the period where improvement and changes are for the betterment of the society such as strengthening building codes, changing land use and zoning designations, improving transportation corridors and replacing –affordable housing stock, etc. Whether they are considered during pre-disaster planning or short-term post-disaster recovery, it is during the long-term recovery period that most changes in pre-existing conditions can and do occur. Changes that include sustained efforts to reduce loss of life and property from the next disaster, such as changes to building codes and land use designations are examples of mitigation.

## **1. Immediate and Short Term Recovery**

While a preliminary damage assessment is carried out during disaster phase, a detailed assessment must be conducted before commencing reconstruction and rehabilitation activities. The relevant Government departments and local authorities shall initiate detailed assessment at their respective level for damages sustained in housing, industry/services, and infrastructure, agriculture, health /education assets in the affected regions. Immediate recovery can continue from a day to two months, depending upon the extent of damage.

### **Restoration of Basic Infrastructure**

The restoration of basic infrastructure is to put the most essential infrastructure back in place after the disaster.

#### **a) Roads and Bridges**

This covers construction of all critical roads and bridges necessary to provide connectivity with immediate effect. It can be National Highway or village roads to link with main roads and health centers, or construction / restoration of bridges that can be the only point of accessing Talukas & villages. Responsible Department: R & B (State & Panchayat)

**b) Drinking Water Supply**

Restoration of Drinking Water supply has to be done by setting up of new hand pumps, tube wells or setting up of piped water supply in areas with no access to potable water. In case of floods, setting up of raised hand pumps is required.

Responsible Department: Electricity Department & Water supply Department

**c) Electricity:** Restoration of power supply is also critical to immediate recovery. Responsible Department: Electricity Department

**d) Communication Network:** In times of disasters, communication networks may be disrupted. The networks of mobile services providers have to be put back in operation at the earliest to make search and rescue easier, as well as to expedite coordinated response measures. Responsible Department: BSNL & Mobile Service Provider, Electricity Department

**e) Reconstruction & Repair of Lifeline Buildings**

Life line buildings are those necessary to keep the administrative machinery functioning despite the damage by disaster. The following buildings have to be repaired on priority:

- Collectorate
- Line Department Buildings
- Block Offices
- Hospitals

**f) Rehabilitation**

In case there is a major damage from earthquake or flooding, a large segment of the population may have to be rehabilitated to new locations on a temporary basis. There may be a need of permanent relocation in case of the change of river course. Communities will have to be supported with relief shelter.

**g) Mass Care /Sheltering and Housing**

The management of relief shelters is continued from the response phase to the immediate recovery phase and done through Incident Response System. The Incident Commander oversees the operations while the Relief Camp Manager manages the shelter. During this

period, the number of victims must be identified for whom construction of houses under Indira Awas Yojna & Sardar Awas Yojna shall be sanctioned.

**h) Food**

Supply of food in relief phase is more important. It becomes important to elicit support from various NGOs, Grain merchants and volunteers.

**i) Debris Removal and Disposal of Dead Bodies**

We should remove debris or trees from transportation routes for effective rescue and relief measures. Dead bodies of humans and animals may be found in the debris and hence the Health & Animal Husbandry Department works in tandem with debris removal agencies.

**j) Drainage and Sewage**

Drainage and sewage systems will have to be quickly re-established to decrease in undation from floods, spread of diseases and epidemics and maintaining hygiene.

**k) Health Care**

First Aid and Emergency Health care has to be provided at the earliest. In case the health care centers are affected by the disaster, temporary medical relief camps need to be installed while the building is retrofitted or reconstructed. Reconstruction of buildings has to begin in this phase.

**l) Livelihood Recovery**

Livelihood interventions will happen over to three different overlapping phases, i.e. Livelihood Provisioning, Livelihood Protection and Livelihood Promotion. The first two phases shall form part of the Immediate & Short Term recovery, while the third shall form a part of Long term Recovery.

**1. Livelihood Provisioning:** Providing critical food and non-food items in the form of relief is necessary for survival. This will focus on disbursement of food and health services for chronically vulnerable people during the emergency.

**2. Livelihood Protection:** Protect, replace and rebuild the productive assets needed to sustain a preexisting or new livelihood.

i) **Cash doles:** Some amount of cash assistance should be given for self-directed delivery by the victims. Individual loans and community block grants shall be extended to build local earning assets.

ii) **Material Assistance:** In case where replacement of crucial assets or fresh requirement of some resources is crucial and not easily available in local markets, material assistance shall be provided. For instance, distribution of seeds to farmers can be done.

### **Mitigation Activities**

As a part of conducting a detailed damage and loss assessment, an assessment of prospective risks and vulnerabilities will also have to be done. For example, refurbishing of embankments or retrofitting of houses and other buildings.

## **2. Long Term Recovery**

Long-term recovery must be complete in 2 months to 24 months time. (i) Housing Development of permanent housing solution for victims will happen during this period. (ii) The construction of houses for victims identified under Indira Awas Yojana and Sardar Awas Yojna shall be undertaken during this time.

### **2.1. Reconstruction and Repair**

#### **a) Infrastructure**

Restoration of social infrastructure has to be done to reinstate the normal functioning of district infrastructure. Schools & Hospitals will have to be reconstructed and repaired in this recovery phase. Re-establishment of disrupted health care services will have to be done at the earliest.

Responsible Department for Hospitals: Health Department , R& B

Responsible Department for Schools: Education Department

#### **b) Economic Infrastructure**

Restoration of economic infrastructure (Banks) is essential for accessibility of money and the smooth functioning of the economy of the district. Unless addressed, it severely affects the



livelihood and employment potential of the district. Thus, bank buildings shall be quickly instated.

### c) **Livelihood Recovery**

Final phase for livelihood recovery is a part of long-term recovery initiatives.

i) **Livelihood Promotion:** To initiate and strengthen livelihoods to be more economically and environmentally sustainable as well as more resilient to future disasters.

In this long term recovery effort, focus is on livelihoods diversification, creation of alternate income generating activities, providing financial services such as loans and insurance, and strengthening forward linkages with markets for existing and new livelihoods.

ii) **Micro finance Services:** Micro-credit (small loans) shall be provided to repair or replace critical livelihood assets, finance existing debts or for developing new livelihoods.

iii) **Micro-insurance:** Providing small-scale insurance at low premium for providing payouts on the occasions of emergencies. Insurance of livestock shall also be facilitated.

## 3. Restoration of Essential Services and Infrastructure

The following tables are to be filled after an event of disaster:

### **Power**

Item/Services	No. of unit damaged	No of villages affected	Population affected	Recovery measures	Implementing agency	Tentative Duration (Months)
Feeder						
Transformers						
HTLines						
LTLines						
ElectricPoles						

To be planned after initial damage assessment by departments

## Health

	PHC (village name)	CHC	Sub Centre	Drug Store	Recovery Measures	Implementing agency	Tentative Duration (Months)
No of buildings damaged							
No of health centres inaccessible							
Refrigeration and other vital equipment for Storage							
Drugs and medicines perished	(Location and qty)						
No of Ambulance damaged							

To be planned after initial damage assessment by departments

## Social

People in need of immediate rehabilitation including psychosocial support (due to disaster)

Village	Men	Women	Children	Total	Recovery Measures	Implementing agency	Tentative Duration (Months)

## Water Supply

Type	Village	No. of unit affected	Faliya/Population affected	Recovery Measures	Implementing agency	Tentative Duration (Months)
Well						
Borewells						
Pond						
Water Supply Disrupted						
Contamination						
ESR damaged						
GLR Damaged						
Sump damaged						
Pipelines damaged						
Standpost damaged						
Cattle trough damaged						
Hand pump						

## Road and Transport

Road damage	Location	Severity	Km	Recovery Measures	Implementing agency	Tentative Duration (Months)
Panchayat						
State Roads						
National Highway						
Nagar Palika						

### Road and Transport

	Village/Ward	Population	Alternateroad/route	Recovery Measures	Implementing Agency	Tentative Duration (Months)
RoadCut off						
Rail Connectivity						

### Communication

Type	Office/Tower Damaged	Villages affected	Recovery Measures	Implementing Agency	Tentative Duration (Months)
Landline connectivity	(No.ofunit andlocation)				
Mobileconnectivity					
WirelessTower					
Radio					

### Food Supply

List of village affected by disruption in food supply

Type	No. ofgodowndamage	Type ofgrainsperished (Ton)	Qty ofgrainperished (Ton)	Qty ofgrainatrisk (Ton)	Recovery Measures	Implementing Agency	Tentative Duration (Months)
Civil Supply							
APMC							
Other							

## Housing

PartialDamage		FullyDamaged/ Collapsed		Recovery Measures	Prog /Schem e	Implementing Agency	Tentative Duration (Months)
Kucha	Pucca	Kucha	Pucca				

## Public Utilities

PublicBuildings	Partiald amage (No.of units)	FullyDam aged/Coll apsed (No.ofUnit)	Recovery Measures	Prog/Sc heme	Implementing Agency	Tentative Duration (Months)
Panchayat						
Educational Buildings						
Anganwadi						
Hospitals						
OfficeBuildings						
Market						
Policestation						
Community Halls/ Functionplots						

## 4. Restoration of Livelihood Provisioning of Employment

Occupationalcategory	No.of workers	Implementing Agency	Tentative Duration (Months)
Skilled labours			
Unskilled and,Agricultural labours			
Small and marginal farmers			
Construction workers			

Salt pan workers			
Fisher folk			
Weavers			
Other artisans			

### Land Improvement

Land erosion/siltation (Hectare)	Affected (Hectare)	Recovery Measures	Implementing Agency	Tentative Duration (Months)

### Agricultural

Cropfailure (Hectare)	Saffected (Hectare)	Recovery Measures	Implementing Agency	Tentative Duration (Months)

### Non-farm livelihood

Cottage Industry	Extent of damage/disruption		Recovery Measures	Implementing Agency	Tentative Duration (Months)
	Tools and equipment (Specify no.and type)	Goods and material (Specify type and qty)			
Hand loom					
Pottery					
Food Processing					

Diamond sorting etc					
Printing/ Dying					
Other					

### **Shops and establishment**

Extent of damage/disruption			Recovery Measures	Implementing Agency	Tentative Duration (Months)
Building (No. and location)	Tools and equipments (Specify no. and type)	Goods and materials (Specify type and qty)			

# **ANEXURES AND MAPS**



## **ANNEXURE – A**

### **DISTRICT PROFILE**

#### **History:**

The history of the Panchmahals district revolves around the city of Champaner and the nearby Pavagadh Hill. Champaner was established in the 7th century (647) in the territory of King Vanraj Chavda of Chavda dynasty. In the 13th century, the Delhi Sultanate under Alauddin Khalji took the city from the Chauhan rulers. Their rule continued until 1484 when Sultan Mahmud Begada of Gujarat captured the city. Thereafter Godhra became the center of the district under the Mughal Empire (1575 to 1727). The author of the Mirat-i Sikandari, writing in 1611, spoke high praise of the mangoes of the region, calling them the best in the kingdom, and said that sandalwood grew abundantly here and was used to build houses. Throughout the 1600s, the forests around Dahod and Champaner were used as hunting grounds for wild elephants

Panchmahal means “five palaces” in which five talukas, which includes the Sub-Divisions (Godhra, Dahod, Halol, Kalol and Jhalod) were submitted to the British by Maharaja Sindhiya of Gwalior. Thus, the name of this district is Panchmahal. Then on 1st May 1960 the state of Mumbai was divided into two parts. This led to two separate states of Gujarat and Maharashtra. At that time, Panchmahal district, with 11 talukas (1) Godhra (2) Kalol (3) Halol (4) Shahera (5) Lunavada (6) Santrampur (7) Jhalod (8) Dahod (9) Limkheda (10) Devagadh Baria became a part of the Gujarat state.

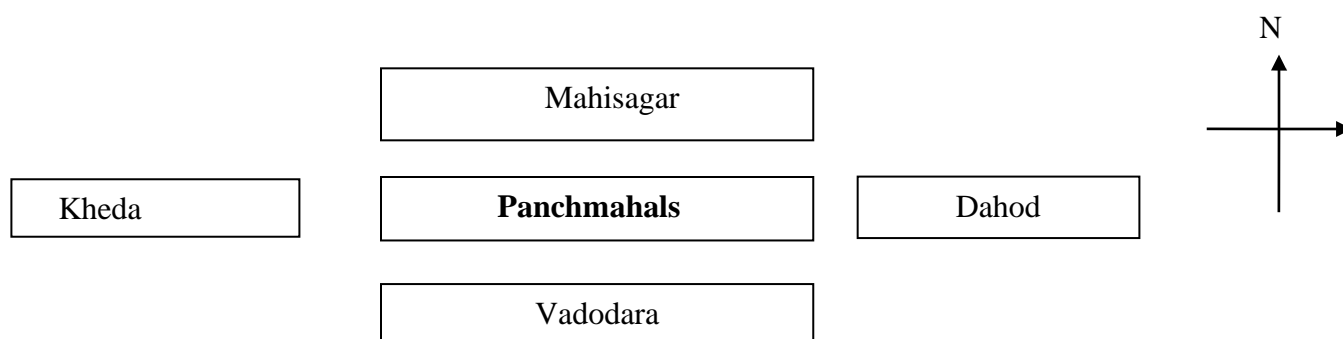
In 1997, The Gujarat Government, through its notification no: GHM-97-85-M-PFR-1097-L dated: 24-04-1997, formed the new Dahod district from Panchmahal district by dividing Panchmahal district. And through notification number: JHM-97-120-M-PFR-2397-2593-L. dated: 15-10-1997, Lunavada taluka belonging to Panchmahal district was divided into Lunavada and Khanpur Talukas and Godhra Taluka was divided into Godhra and Morva (Hadaf) Talukas. After division, with total 11 new talukas namely, (1) Khanpur (2) Kadana (3) Santrampur (4) Lunawada (5) Shahera (6) Morva (h) (7) Godhra (8) Kalol (9) Halol and (11) Jambughoda, a new boundary of Panchmahal district came into existence on 02-10-1997

After that, in the year 2013, the notification of Govt. Of Gujarat: GHM-2013-73-M-PFR-102013-139-L-1 dated: 13-8-2013 divided the Panchmahal district into new district of Mahisagar. The headquarters of Seven talukas of Panchmahal district, (1) Shahera (2) Morva(h) (3) kalol (4) Godhra (5) Ghoghamba (6) Halol and (7) Jambughoda, was kept as Godhra and Lunavada was kept as headquarters of newly formed Mahisagar district. Thus, again the new boundary of Panchmahal district came into existence on 13-08-2013.

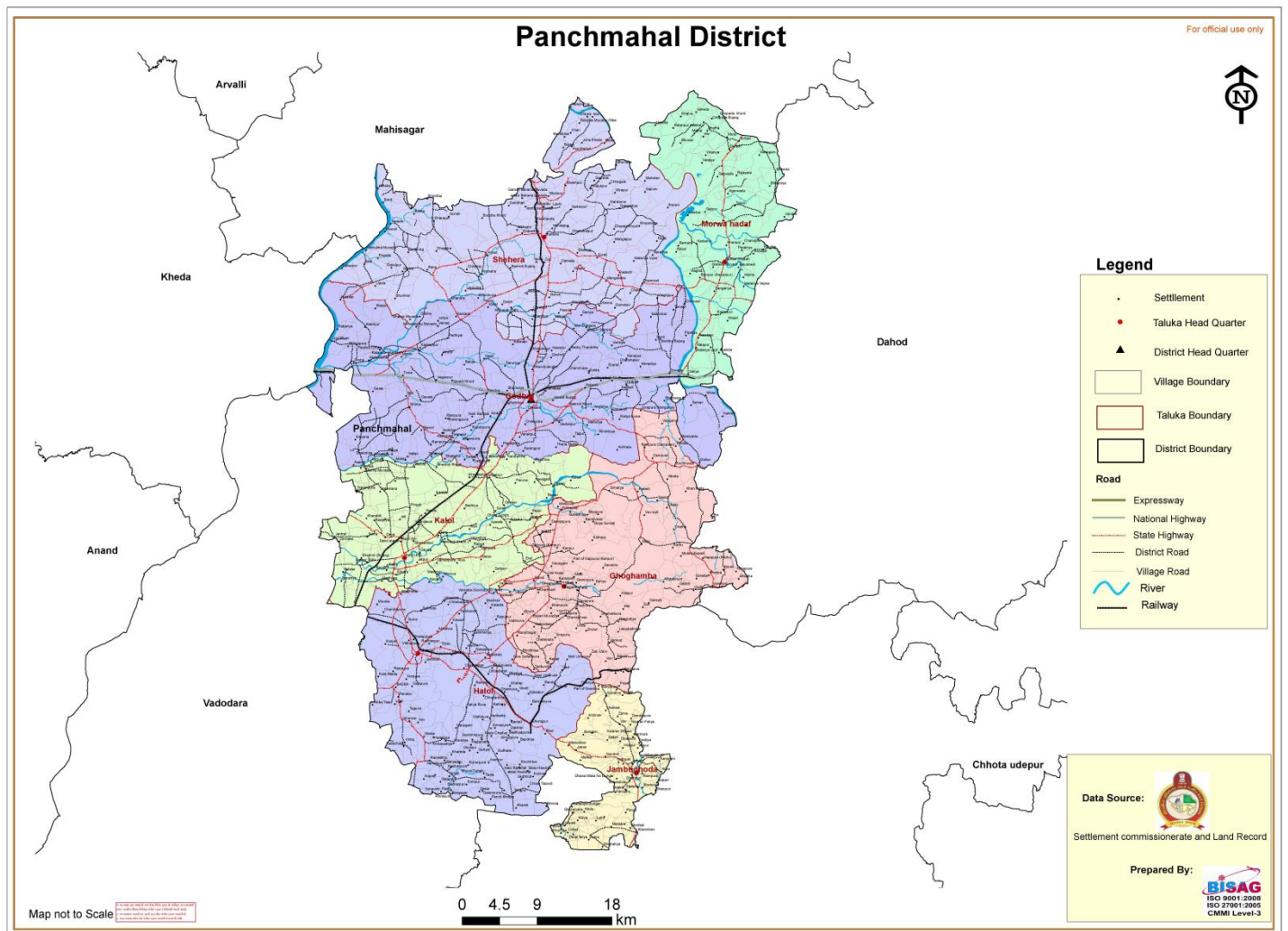
## Area & Administration:

The District consist of 7 Talukas and 4 Nagar Seva Sadan (Municipalities) through which the administrative function has been operated. There is a separate department specific administrative tructure existed and functioning accordingly.

The district is located on the eastern end of the state. It is bordered by Dahod district to the north-east & east, Vadodara district to the southwest and Chhota Udaipur district to southeast, Kheda district to the west and Mahisagar district to the north.



Map: 1 : District Map



Mahi River flows on western boundary of the district and Panam on the East side accros the district; are the major rivers.The other major rivers is Deo which is flows surthern part of district T h e major water bodies are Panam dam (Shahera block), Hadaf dam(Morva(h) block, Deo dam (Halol block), Karad dam (Ghoghamba block).

It is one of the larger districts of Gujarat 5,231 km<sup>2</sup>. It is home for a population population of 2,390,776 as per the Census 2011. Out of which 1,226,961 are males while 1,163,815 are females. In 2011 there were a total 446,611 families residing in Panchmahal district. The Average Sex Ratio of Panchmahal district is 949.

## Demography:

According to 2011 census Provisional data, District has population of **2,390,776** persons. The density of population here is noted to be around 119 sq. km. area is under urban region while 5,112 sq. km. is under rural region. The average decadal population growth rate of district for 2001 census was +18.05%.

Total population of the district is **2,390,776** persons as per the 2011 census data of which 12,26,961 are males and 11,63,815 are females. As per census 2011 approximately 361,311 are 0-6 years Children, 100,446 are SC Population and 721,604 are ST Population residing within the district.

Table: 2

No.	Total Population	Male	Female	0-6 Years children	SC Population	ST Population
1	<b>2,390,776</b>	12,26,961	11,63,815	100,446	100,446	721,604

### Literacy:

Amongst the total population of the district, total 949,971 persons are literate. The literacy rate of the district is 70.99%. The male literacy rate is 85.75% where as the female literacy rate is 78.03%.

### Occupational Structure:

Amongst the total population, 334,827 persons are living in urban pockets and 20,55,949 persons belong to rural area. The total number of workers are 17,82,648 who are involved in different types of laborer works, amongst which 12,34,866 are Male Workers and 5,47,782 are Female Workers. From total workers 6,85,14 are Main workers, 4,12,366 are Marginal workers, 3,66,140 Cultivators, 1,31,350 Agricultural laborers, 5,873 household Industrial workers and 1,81,778 are other workers.

### Climate:

The Climate of District can be regarded as one of the extreme kind with hot summers & cold winters and witnessing of very good monsoon.

### **Temperature:**

Panchmahal district has a semi-arid climate with annual maximum temperatures ranging from 27.7°C in January to 39.7°C in May, and minimum temperatures ranging from 11.9°C in January to 25.6°C in May.

### **Rainfall:**

The average rainfall in the district is 770–880 mm, but the monsoon is erratic and long dry spells are common, even during the rainy season. The maximum humidity ranges from 98.2%, while the minimum range is from 28–83.5%.

Panchmahal district receives much of its rainfall from the south-west monsoon during the period between June & October; its maximum intensity being in the month of July & August. Total rainy days ranges from 30 to 40 days/year. Long term annual rainfall data of 7 rain-gauge stations of the district

In Last 10 Years,Panchmahal district rain fall data is as under:

Table:4

No	Taluka	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	Ghoghamba	1430	1041	560	780	620	637	1026	921	488	540
2	Godhra	1017	836	743	911	997	979	1206	836	806	1000
3	Halol	1610	1214	327	828	1012	903	861	1456	942	939
4	Jambughoda	1481	817	290	894	927	775	1800	1246	1038	1833
5	Kalol	882	951	327	828	1012	562	861	717	411	715
6	Morva(h)	1072	767	619	976	823	717	1018	806	758	895
7	Shahera	848	926	550	1105	892	847	1192	767	455	894

**Soil:**

The soil of the district can be divided broadly into three categories depending upon the source rock, namely the phyllite, granites and basalts. The granite normally gives rise to sandy soil but where weathering is intense, sandy loam is produced. The phyllite produced yellowish brown light soils but where weathering is deep, black soil produced. The basaltic rock gives rise to variegated soil depending upon the degree of weathering. The first stage of weathering produce light soil with splinters of morum where as in the second stage medium soil of light brown to brownish black colour are produced. These medium soils are more than a meter depth. The black cotton soils produced by intense weathering of basalts are however deep, heavy and become sticky when saturated. They have high fertility value.

**Crops:**

The major crops grown are cotton, paddy, jowar, groundnut. Fisheries and animal husbandry are major allied activities of agricultural communities in the district. Moreover, Panchmahals is the major industrial hub of the country. The major industries found here are Oil and Petrochemicals, Chemical, Medicine, Glass, Engineering, etc. The District is criss crossed by major rail and road links joining Delhi- Ahmedabad-Mumbai corridor. Because of this it is known as the 'Gate way to the golden corridor'.



## **Infrastructure details**

### **Education:**

The current educational base is based on more than public and private schools in the district. To waering benevolently Shri Govind Guru University was established by the Government of Gujarat vide Gujarat Act No. 24/2015. The Head Quarter of the University is Godhra Panchmahals. The Jurisdiction of the University spread over Five District of Gujarat State i.e. Panchmahals, Dahod, Mahisagar, Chhota Udepur and Vadodara (Rural). All the colleges/institutions situated in the above districts are affiliated with this University. At present 270+ Colleges are affiliated with Shri Govind Guru University..

Shri Govind Guru University is the main university in district. There are different Colleges in different blocks has affiliated with Shri Govind Guru University

### **Other Educational Institutions:**

- Sheth P.T Arts & Science college,Godhra
- Government engineering college,Godhra
- Gov. Polytechnic college,Godhra
- Prerna Institute of Para Medical science
- Eklavya college of Nursing, Ghoghamba
- Shree Shamlaji Homoeopathic Medical College and Research Institute,Vavdi,Godhra
- GMERS Medical College, Godhra

### **Schools:**

#### **Total Primary Schools-**

There are total 1389 primary schools runs by District Panchyat and 20 other schools are under Tribble Department.

#### **Secondary School -**

Total 310 Secondary schools are runs in Panchmaha

**Health Facilities:**

The district has more than 80 private Hospitals, 57 PHCs and 14 CHCs in the District to cater the people. Major hospitals are Civil Hospital, located in area which can be viewed in Annexures.

**Table:6: Details of CHC & PHC:**

Sr.No.	Taluka	Name of CHCs	No. of PHCs
1	Ghoghamba	3	11
2	Godhra	3	13
3	Halol	1	7
4	Jambughoda	1	2
5	Kalol	2	7
6	Morva(H)	2	6
7	Shahera	2	11

## **Interim Guidance & Risk and Vulnerability Ranking**

(Adapted from Technical Note No.1.4.1.-Probability,ImpactandRiskRankingDisasterManagement Planning Workshop module (pages 20-21), prepared by Jeff klenk, Interworks, fortheADB-funded CBERR Project.)

All events or activities carry some risk and are associated with some level of vulnerability. Riskand vulnerability ranking is the process of assigning scores to the risk and possible impact of hazards to be able to compare the likely vulnerability and make informed management decisionsabout which hazards are of greatest concern and when planning and preparation efforts should bedirected.Acrude risk and vulnerabilityrankingprocess can be accomplished infivesteps.

### **Identify the Hazards of Concern:**

Complete the hazards column for the following table. Typical hazards have already been identified, but these should beconfirmed at this step and additional hazards added as appropriate.

<b>Hazard</b>	<b>Probability</b>	<b>Impact</b>	<b>Vulnerability Rating (Probability Times Impact)</b>	<b>Specific Locationsand populations of concern.</b>
Earthquake(resultingin damage)	1	4	4	Whole District
Flood	3	2	6	Lowlines areas
Industrial Accident	3	3	9	Modrate
Drought	3	3	9	Whole District
Heat wave	3	2	6	Whole Distrcit
Hail storm	1	1	1	
Landslides	1	1	1	

Road/rail/air accident	1	1	1	Godhra to Vadodara and Dahod Railways
Building collapse	1	2	2	
Human Disease (epidemics)	1	4	4	Modrate
Food poisoning	1	1	1	
Animal disease(epidemics)	1	1	1	
Terrorism (consequences)	1	1	1	
Critical Infrastructure Failure (e.g.extended power outage)	1	3	3	

### **Step2:Assign the Probability Ratings:**

Assess the probability-or "livelihood" of each hazard by reaching a consensus on probability and the nassign eachhazard a"Probability Level,"asin dicated in the following table. Enter the score for eachhazard in the probability column of the table as below:

<b>Probability</b>	<b>Score</b>	<b>Description</b>
Almostcertain	5	Aregular event,on the average at least once in a 12 month period
Likely	4	Will occur at least once every two years.
Moderate	3	Will occur at least once every 5 years.
Unlikely	2	Will occur sometime in a 25 years period.
Rate	1	Can be expected to occur sometime in a 100 year period

### **Assign the Impact Ratings:**

Assess the potential magnitude or impact of each hazard and assign each an "ImpactLevel" as in the following table. Enter the impact score for each hazard in the table in Step 1.

Impact	Scope	Description
Catastrophic	5	Massive insecurity, substantial loss of life likely. Large and generalized assistance urgently needed for large segments of population. Additional management, administrative, and technical expertise urgently needed. Large volumes of materials inputs needed.
Major	4	Security threatened for large segments of population; substantial impacts on vulnerable groups likely. Some loss of life likely. Life-saving programs likely needed to handle impact of emergency situation. Large volumes of material inputs and additional administrative staff and technical expertise likely to be needed.
Moderate	3	Security is threatened for potential target groups, some interventions may be needed, particularly for groups who likely face increase in vulnerability. Organization can likely respond with existing country/regional management structures.
Minor	2	Momentary insecurity local groups able to respond adequately to those in need. Some technical assistance by organization may be helpful to local respondents, although not urgently needed.
Insignificant	1	Little or no significant change in conditions, no expected loss of life, injuries or significant loss of property for usual target groups as the result of the hazard. Normal operations continue.

### **Assign the "Vulnerability" Ranking:**

Multiply the probability and the impact scores in the table in Step 1. The resulting score indicates crude vulnerability. Scores above 15 indicate high vulnerability; scores between 7 and 15 indicate medium vulnerability and scores below 7 indicate low vulnerability.

Probability Rating: Class and(score)	ImpactRating:Classand(score)				
	Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Almostcertain(5)	Low-5	Moderate-10	Moderate-15	High-20	High-25
Likely(4)	Low-4	Moderate-8	Moderate-12	High-16	High-20
Moderate(3)	Low-3	Low-6	Moderate-9	Moderate-12	Moderate-15
Unlikely(2)	Low-2	Low-4	Low-6	Moderate-8	Moderate-18
Rare(1)	Low-1	Low-2	Low-3	Low-4	Low-5

These three classes related to the immediate vulnerability to disaster and provide guidance on disaster response planning. Assessing risk and vulnerability to low likelihood but high impact hazards (e.g., earthquakes) requires a different, more long-term focused, assessment process.

Note that the rating process presumes that:

- Populations are better able to respond to disaster which more likely and do not have severe (major) impacts and,
- Steps taken to prepare for moderate or high vulnerability events will also improve the ability to respond to low vulnerability events.

The divisions between low, moderate and high crude vulnerability can be changed but should be used consistently for all similar assessments in the state.

### **Identify Areas with Highest Vulnerability:**

Once vulnerability ranks have been identified, the locations and populations considered most vulnerable should be identified. This aids in knowing where disaster assistance may be most needed, as well as providing a quick indication of where vulnerability reduction efforts could be most productive. Note that vulnerability reduction can include education, structural measures, and non-structural measures like evacuation planning. Where possible, the areas of high vulnerability should be mapped and included in disaster planning documents.

## River and Dams

The District has major rivers like Mahi River flows on western boundary of the district and Panam on the East side accros the district; are the major rivers. The other major rivers is Deo which is flows surthern part of district T h e major water bodies are Panam dam (Shahera block), Hadaf dam(Morva(h) block, Deo dam (Halol block), Karad dam (Ghoghamba block).

Table:5:

### **Statement showing villages affected due to floods in PANAM RIVER through release made from PANAM Dam till conflict Point of MAHI RIVER**

NOTE :-

- 1 WHITE SIGNALS : ALERT
- 2 BLUE SIGNALS : READY FOR EVACUATION
- 3 RED SIGNALS : IMMEDIATE EVACUATION

- Shahera Taluka

- 1 Ramji-ni-nal
- 2 Khotha
- 3 Undara
- 4 Mor
- 5 Baluji-na Muvada

Sr.No	Discharge Release from Panam Dam in (Cus/Cum)	Name of District Taluka	Signal for Village at Sr. No.		
			White Signal/ALERT	Blue Signal/READY FOR EVACUATION	Red Signal/IMMEDIATE EVACUATION
1	2	3	4	5	6
1	150000 4227	Panchmahal sahera	Ramji-ni-nal		
2	280000 7929	Panchmahal sahera	Khotha	Ramji-ni-nal	

			Undara		
			Mor		
			Baluji-na Muvada		
3	<u>350000</u> 9911	<b>Panchmahal</b>			
		sahera		Khatha	Ramji-ni-nal
				Undara	
				Mor	
				Baluji-na Muvada	
4	<u>393000</u> 11128	<b>Panchmahal</b>			
		sahera			Khatha
					Undara
					Mor
					Baluji-na Muvada

**Statement showing villages affected by floods of Mahi River on the basis of discharge released from Upstream Dams of Wanakbori Weir**

NOTE :-

1 WHITE SIGNALS : ALERT

2 BLUE SIGNALS : READY FOR EVACUATION

3 RED SIGNALS : IMMEDIATE EVACUATION

<b>District Panchmahal</b>			
<b>No.</b>	<b>Village of Shahera Taluka</b>	<b>No</b>	<b>Village of Godhra Taluka</b>
1	Kharoli	1	Nadisar
2	Bilitha	2	Kabaria
3	Hadkimata na	3	Juni Dhari
4	Muvada	4	Nani Dhari
5	Ramadi	5	Nadhara
6	Bhimthal	6	Gothda
7	Navi Bordi	7	Timba
8	Nathuri na		
9	Muvada		
10	Valavpura		
11	Poyda		
12	Vadi		
13	Bordi		
14	Vahaka		



Sr.	Discharge at D/S of Dam in (Cus/Cum)	Name of District Taluka	Signal for Village at Sr. No.		
No.			White Signal	Blue Signal	Red Signal
1	2	3	4	5	6
1	<u>435000</u>	<b>Panchmahal</b>			
	1231.17	shahera	1 to 10	~	-
2	<u>450000</u>	<b>Panchmahal</b>			
	12742.46	shahera	11 to 12	~	~
3	<u>710000</u>	<b>Panchmahal</b>			
	20104.77	shahera	~	1 to 10	~
		Godhra	1 to 5	~	~
4	<u>900000</u>	<b>Panchmahal</b>			
	25484.92	shahera	~	11 to 12	~
		Godhra	6	~	~
5	<u>1142000</u>	<b>Panchmahal</b>			
	32337.53	shahera	~	~	1 to 10
		Godhra	~	1 to 5	~
6	<u>1210000</u>	<b>Panchmahal</b>			
	34263.06	shahera	~	~	11 to 12
		Godhra	~	6	~
7	<u>1227000</u>	<b>Panchmahal</b>			
	34744.44	Godhra	~	~	1 to 5
8	<u>1265000</u>	<b>Panchmahal</b>			
	35820.47	Godhra	~	~	6

**Statement showing villages affected by floods of Deo River on the basis of discharge released from Deo Dam**

NOTE :-

1 WHITE SIGNALS : ALERT

2 BLUE SIGNALS : READY FOR EVACUATION

3 RED SIGNALS : IMMEDIATE EVACUATION

Panchmahal District

Halol Taluka

1. Sonaviti
2. Rasgagar
3. Gadit
4. Sonipur
5. Kuberpur
6. Indral
7. Badharpuri

Sr.	Discharge at D/S of Dam in (Cus/Cum)	Name of District Taluka	Signal for Village at Sr. No.		
No.			White Signal	Blue Signal	Red Signal
1	2	3	4	5	6
1	<u>1559.90</u>	<b>Panchmahal</b>			
	55056.09	Halol	1	~	-
2	<u>1700.00</u>	<b>Panchmahal</b>			
	60035.50	Halol	~	1	~
3	<u>1984.00</u>	<b>Panchmahal</b>			
	80800.72	Halol	2	~	1
4	<u>2288.00</u>	<b>Panchmahal</b>			
	80800.72	Halol	~	2	1
5	<u>2551.00</u>	<b>Panchmahal</b>			
	90088.56	Halol	~	~	1&2
6	<u>2834.00</u>	<b>Panchmahal</b>			
	100082.71	Halol	~	~	1to2
7	<u>3117.00</u>	<b>Panchmahal</b>			
	110076.86	Halol	3	~	1 to 2
8	<u>3401.00</u>	<b>Panchmahal</b>			
	120106.32	Halol	4 to 6	3	1 & 2
9	<u>3685.00</u>	<b>Panchmahal</b>			
	<u>130135.78</u>	Halol	7	4 to 6	1 & 3
10	<u>4535.00</u>	<b>Panchmahal</b>			
	<u>160153.53</u>	Halol	~	7	1 to 6
11	<u>4670.00</u>	<b>Panchmahal</b>			
	<u>164921.05</u>	Halol	~	~	1 to 7

## Resources with District

### **LIST OF DUMPER/ TRUCK**

Sr.	Owner Name	Address	Contact No.
1	DEV CONCRETE CO	SURVEY NO 219 2 OPP INTEGRA ENG,HALOL CHAMPANER ROAD CHANDRAPURA,TA HALOL,Panchmahal,Gujarat,389350	9714865610
2	DEV CONCRETE CO	SURVEY NO 219 2 OPP INTEGRA ENG,HALOL CHAMPANER ROAD CHANDRAPURA,TA HALOL,Panchmahal,Gujarat,389350	9714865610
3	DEV CONCRETE CO	SURVEY NO 2/219,CHANDRAPURA HALOL,PANCHMAHAL,Panchmahal,Gujarat,389350	9714865610
4	DEV CONCRETE CO.	SURVEY NO 219/2 219/2-1,CHANDRAPURA TA HALOL,PANCHMAHAL,Panchmahal,Gujarat,389350	9714865610
5	DEV CONCRETE CO	SURVEY NO 219/2 OPP INTEGRA,ENGINEERING CHAMPANER ROAD,CHANDRAPURA HALOL PMS,Panchmahal,Gujarat,999999	9714865610
6	DEV CONCRETE CO	SURVEY NO 219/2 INTEGRA,ENGINEERING CHAMPANER ROAD,CHANDRAPURA HALOL PMS,Panchmahal,Gujarat,999999	9714865610
7	DEV CONCRETE CO	SURVEY NO 219/2,CHANDRAPURA HALOL,PANCHMAHAL,Panchmahal,Gujarat,389001	9714865610
8	BHAGALIYA IRFAN	AT SUNAMI HOTEL,RABBANI MOHALLA,GODHRA,Panchmahal,Gujarat,389001	8866657517
9	DEV CONCRETE CO	SURVEY NO 219/2,CHANDRAPURA HALOL,PANCHMAHAL,Panchmahal,Gujarat,389001	9714865610
10	DEV CONCRETE CO	SURVEY NO 219/2,CHANDRAPURA HALOL,PANCHMAHAL,Panchmahal,Gujarat,389001	9714865610
11	DEV CONCRETE CO	CHAPANER ROAD CHNDRAPUR,CHANDRAPURA,TA- HALOL,Panchmahal,Gujarat,389350	7899999999
12	DEV CONCRETE CO	AT SERVEY NO 219-2 HALOL,CHAMPANER ROAD PO CHANDRAPURA,TA HALOL,Panchmahal,Gujarat,389350	9714865610
13	DEV CONCRETE CO	AT SURVEY NO 219 2 NR INTEGRA ING,CHAPANER ROAD PO CHANDRA PURA,TA HALOL,Panchmahal,Gujarat,389330	9714865610
14	DEV CONCRETE CO	AT SURVEY NO 219-2 NR INTEGRA ENG,HALOL CHAMAPANER ROAD,PO CHANDRA PURA TA HALOL,Panchmahal,Gujarat,389350	9714865610

15	DEV CONCRETE CO	SURVEY NO 219/2,HALOL CHAMPANER ROAD,PO CHANDRAPURA TA HALOL,Panchmahal,Gujarat,389001	9714865610
----	-----------------	--	------------

## **List of Ambulance**

<b>Sr.</b>	<b>Name of Industry</b>	<b>Nos. of Ambulance</b>	<b>Type of Ambulance ALS/BLS</b>
1	JCB Industries PVT LTD	1	ALS
2	LM Wind Power Blades India Pvt Ltd	1	BLS
3	Raychem RPG	1	ALS
4	Styrenix Performance Material Limited	1	BLS
5	TOTO India Industries Pvt. Ltd	1	BLS
6	Gujarat Floro Chemicals (GFL Ltd)	2	01 BLS , 01 ALS
7	HERO MOTOCORP LIMITED	2	BLS
8	Rubamin Private Limited	1	NA
9	Sisecam Flat Glass Ltd	1	BLS
10	Hitachi Energy	1	BLS
11	Ceat Limited	1	BLS
12	Polycab India Ltd	1	BLS
13	Sun Pharmaceuticals Lnd Ltd	2	BLS
14	Sun Pharmaceutical Medicare Ltd.	1	BLS
15	Alembic Pharmaceutical Ltd.	2	BLS
16	MG Motor india Pvt. Ltd	1	ALS

17	Valmont Structures Pvt. Ltd.	NA	NA
18	Paushak Limited	1	BLS
19	Setco Auto Systems Pvt.Ltd.	1	BLS
20	Windar Renewable Energy Pvt. Ltd	1	NA
21	Nobel Hygiene Pvt Ltd	1	BLS
22	A.G. Industries Private Limited, Halol	1	BLS
23	Satyam Auto Components Pvt Ltd	1	NA
24	ENDURANCE TECHNOLOGIES LIMITED, HALOL	1	BLS
25	Merino Industries Ltd	1	BLS
26	Safari Manufacturing Ltd.	1	NA
27	Inox India Ltd.	1	BLS

### List of 108 Ambulance

Panchmahal 108 Ambulance Data		
Sr No	Location	Type of ambulance
1	Godhra 1	ALS
2	Godhra 2	BLS
3	Godhra SRP-5	BLS
4	Godhra Civil	ALS
5	Kakanpur	BLS
6	Shahera	ALS
7	Santrode	BLS
8	Morva Hadaf	BLS
9	Mora	BLS
10	Kalol	ALS
11	Halol1	ALS
12	Vejalpur	BLS
13	Similiya	BLS
14	Goghamba	BLS
15	Halol 2	BLS

16	Jambughoda	BLS
17	Shivrajpur	BLS
18	Ramesra	BLS

## List of Major Private Hospitals

Sr No	Name of Hsopital	Location	Contact Number	Beds(in No.)	Burn Ward (Yes/ No)	Chemical Poisoning Treatment Facility (Yes/No)	Ambulance (in No.)	Speciality of Hospiital
1	Riva Orthopedic Hospital	Ghoghabma Taluka Panchayat	9126238487	12	No	No	0	Orthopedic Hospital
2	Sahyog Hospital	Ghoghamba Fatak	6352734701	15	No	No	1	General Hospital
3	Vatsaly Hospital	Ghoghabma Taluka Panchayat	8863839478	14	No	No	1	Meternity Hospital
4	Vinayak Hospital	Ghoghabma Taluka Panchayat	9672774290	15	No	No	1	Meternity Hospital
5	Ma Hospital	Ghoghamba Fatak	9974190515	12	No	No	0	General Surgery
6	Vaghjipurwala Heart Institute	Vavadi Buzarg		15	No	No	0	
7	Sunrise Hospital	Nr.Kalrav School Vavadi	2672265701	10	N	N	0	
8	Deep Hospital	Gadukpur Chokdi Bamroli Road	9104692000	20	N	N	0	
9	Gujarat Malti Spishyaliti Hospital	Bamroli Road Shrjee Nagar	9925429920	45	Y	Y	1	
10	Om Orthopedics	Charch Ni Same	9727756835	40	N	N	0	
11	Sparsh Hospital	B V Gandhi Petrol Pump Ni Same	9879153335	25	N	Y	0	
12	Suryoday Hospital	Charch Ni Same	9825768237	18	N	Y	0	
13	Sanjivani Hospital	Near Nagarpalika	2672243206	20	N	N	0	
14	Sobhan eye Hospital	Lic Road Godhra	9898670657	0	N	N	0	
15	Atul Shah Skin Hospital	Panjarapol	2672241378	0	Y	N	0	
16	Mahendra Desai Psychitry	Prabhakunj socity	2672241301	0	N	N	0	
17	Milwala Childeran Hospital	Vishv Karma Chowk	2672240424	28	N	N	0	
18	Sekh Anjuman Trust	Voharwad	2672241518	6	N	N	1	
19	Rushbh Hospital	B V Gandhi Petrol	9979861558	5	N	Y	0	



		Pump Ni Same						
20	Manha Metarnity Hospital	Civil Same Godhra	8511642056	20	N	N	0	
21	Burhani Metarnity Hospital	Lic Road Godhra	7942682499	15	N	N	0	
22	Lara Metarnity Hospital	Sbi Bank Ni Pachal	9316272738	33	N	N	0	
23	Krishna Metarnity Home	Sbi Bank Ni Same	9712163356	15	N	N	0	
24	Navjivan Metarnity Home	Kalal Darvaja Godhra	2672249572	20	N	N	0	
25	A K Multispeciality	Vishv Karma Chowk	9081907600	12	N	N	1	
26	Sarda Mangalam Metarnity Home	Kalal Darvaja Godhra	9426642831	15	N	N	0	
27	Shree Orthopedic Metarnity Home	Dahod Road Godhra	9964876540	28	N	N	0	
28	Ami Metarnity Home	Dahod Road Godhra	9426405822	7	N	N	0	
29	Sagar Metarnity Home	Bamroli Road Godhra	9429732774	8	N	N	0	
30	Sangam Hospital	Chitra Cinema Road	7990325125	18	N	Y	0	
31	Jivan Jyot Hospital	Dahod Road Godhra	8238826910	20	N	Y	0	
32	Fakhri Hospital	Pajrapol Godhra	2672252042	40	N	Y	0	
33	Shivam Orthopedic Hospital	Pajrapol Godhra	9998591229	15	N	Y	0	
34	Gunjan Children Hospital	Pajrapol Godhra	9825022448	20	N	Y	0	
35	Bhavsar Surgical Hospital	Pajrapol Godhra	2672240240	15	Y	N	0	
36	Kamodiya Surgical Hospital	Lic Road Godhra	7984686750	8	N	Y	0	
37	Sanjivani Hospital	Kalal Darvaja Godhra	9429842100	20	N	Y	0	
38	Yas Orthopedic Hospital	Kalal Darvaja Godhra	9898840830	10	N	Y	0	
39	Juva Orthopedic Hospital	Lic Road Godhra	9426034674	9	N	Y	0	
40	Chirag Eye Hospital	Lic Road Godhra	8141043777	8	N	Y	0	
41	Kalp Taru Surgical Hospital	Lic Road Godhra	7069545064	16	N	Y	0	
42	Sevalaya Orthopedic Hospital	Lic Road Godhra	7874022979	5	N	Y	0	
43	Panchal Hospital Godhra	Godhra	9879318376	20	N	N	0	
44	Gayatri Prasutigruh	Bus Stand Same ,Halol	9429053153	20	NO	YES	0	GYNEC HOSPITAL
45	Krupalu Nursing Home	Dwarkesh Chambers, Halol	2667220897	8	NO	YES	0	GENRAL HOSPITAL
46	Sarvjanik Prasutigruh	Near Bus Stop ,Halol	2667220233	20	NO	YES	1	GENRAL HOSPITAL
47	Rachna Hospital	Godhra Road, Halol	9898686656	18	NO	YES	0	GENRAL HOSPITAL

48	Malay Hospital	Old Post Offis, Halol	9825368084	15	NO	YES	0	GENRAL FIICIEN
49	Ankur Hospital	Bus Stand Same , Halol	9825331316	13	NO	YES	0	GYNEC HOSPITAL
50	Nidhi Hospital	Pavagad Road , Halol	9327918742	5	NO	YES	0	GYNEC HOSPITAL
51	Anand Hospital	Station Road Halol	9624255840	7	NO	YES	0	CHILDREN HOSITAL
52	Anant Hospital	Bus Stand Ni Pachhad , Halol	9925954335	15	NO	YES	0	GYNEC HOSPITAL
53	Rang Hospital	Kanjri Hospital , Halol	9429081582	15	NO	YES	0	
54	Mha Sergical Hospital	Vadodara Road , Halol	9825318196	16	NO	YES	0	GENRAL FIICIEN
55	Jigar Hospital	Vadodara Road , Halol		1	NO	YES	0	EYE HOSPITAL
56	Nand Hospital	Vadodara Road , Halol	9429099108	11	NO	YES	0	ORTHHOEDIK HOSITAL
57	Chhaya Hospital	Vadodara Road , Halol		15	NO	YES	0	ORTHHOEDIK HOSITAL
58	Life Care & Icu Hospital	Mansarovar Apartment , Opp.Garden Halol, Gujrat	6353890141	19	NO	YES	0	MULTY SPECIALITY HOSPITAL
59	Krishna Hosptal	Near Bank Of India , Halol		7	NO	YES	0	CHILDREN HOSITAL
60	Ashirvad Hospital	Shree Harikrupa Coomplex, Gaushala Same Vadodara Road Halol	2667222045	7	NO	No	0	CHILDREN HOSITAL
61	Gupta Hospital	Shivrajpur Maince Road	9428781113	5	NO	NO	0	General Hospital
62	Krishna Hospital	Shivrajpur Maince Road	8758421199	20	YES	YES	0	General Hospital
63	Krishna Hospital	Brahmin Faliyu, Rameshara	8866644000	10	NO	NO	0	GENRAL physician
64	Narayan Eye Hospital Tajpura	Tajpura	9898086652	120	NO	NO	0	EYE HOSPITAL
65	Supeda Hospital	De Stetion Road Kalol	9825017396	10	NO	NO	0	General Surgery
66	Shri Vinayak Hospital	Lal Darvaja Kalol	8469076979	10	NO	NO	0	General Hospital

67	Sanjeev'S Hospital	De Stetion Road Kalol	9427688652	12	NO	NO	0	General Surgery
68	Minaxi Hospital	College Road Kalol	9426340482	10	NO	NO	0	General Hospital
69	Radha Gopi Hospital	Housing Soc Kalol	9925050162	10	NO	NO	0	Meternity Hospital
70	Puja Hospital	Near Sbi Bank Godhara Road	9427055942	8	NO	NO	0	CHILD HOSPITAL
71	Astha Maternity Home	Lal Darvaja Kalol	9825034955	10	NO	NO	0	Meternity Hospital
72	Nmg Hospital,	Lal Darvaja Kalol	8758792989	20	NO	NO	0	General Hospital
73	Lakshmi Maternity Home	Lal Darvaja Kalol	9825177029	15	NO	NO	0	Meternity Hospital
74	Sat Keval Hospital	Godhra Baroda Highway Near Bus Station Vejalpur	6353319211	10	NO	NO	0	General Hospital
75	Nisha Hospital	Cng Petrol Pump Kharsaliya Road Vejalpur	9157739977	15	NO	NO	0	General Hospital
76	Jyanti Hospital	Jyanti Hospital Adadara	9979583473	6	NO	NO	0	NO,General OPD
77	Aryan Hospital	At Post Santroad,Near Sbi Branch	8460137751	10	NO	NO	0	Meternity Hospital
78	Shardha Hospital	At Post Santroad , Near Jr Bhatia School	9426431681	12	NO	NO	0	MEDICAL OPERATIVE LABOUR+IND OR FACILITY
79	MOTIBA HOSPITAL	AT PO.MORA TA.MORVAHADAF	9879938123	10	NO	NO	0	general opd
80	J.B. Hospital,Aniyad	At.Aniyad Ta.Shahera,Dist Panchmahal	7434842144	120	YES	YES	1	general opd
81	Jay Jalaram Hospital	At.Po Morva, Nr.Bhurkhal Chokdi	9974575745	50	NO	NO	0	general opd
82	Sukun Hospital Poli Clinic	Bus Station Pase, Shahera	9829666678	8	no	no	0	general opd
83	Savarjanik Hospital & Policlinic	Holichakla Shahera	9426390838	11	no	no	1	gynec hospital

## List of PHC

<u>Sr.No</u>	PHC Name	Taluka name	Contact No	Beds (in No.)	Ambulance (in No)	Chemical Poisoning Treatment Facility (Yes/No)	Burn Ward (Yes/No)	Nurses (in No)
1	Bakrol	Ghoghamba	9665483300	6	0	No	NO	2
2	Farod	Ghoghamba	8511660032	5	1	No	NO	1
3	Gamani	Ghoghamba	9638768650	6	0	No	NO	1
4	Gundi(24*7)	Ghoghamba	9099713590	6	0	No	NO	2
5	Kanpur	Ghoghamba	8238386972	6	0	No	NO	2
6	Malu	Ghoghamba	9913832331	6	0	No	NO	2
7	Padhora(24*7)	Ghoghamba	9426178932	6	0	No	NO	1
8	Ranjitnagar(Zoz)	Ghoghamba	9978864117	6	1	No	NO	2
9	Richhvani	Ghoghamba	7874285167	6	0	No	NO	2
10	(Simaliya)Karoli-2	Ghoghamba	7567893683	6	0	No	NO	2
11	Vavkundli	Ghoghamba	7567893686	5	1	No	NO	2
12	Orvada	Godhra	9898408223	6	0	No	NO	2
13	Chhariya	Godhra	7567893116 9879841364	6	0	No	NO	2
14	Kalyana	Godhra	9726158868	4	0	No	NO	1
15	Karsana(24*7)	Godhra	7567762186	10	0	No	NO	1
16	Kevadiya	Godhra	9687129993	6	0	No	NO	1
17	Mahelol(24*7)	Godhra	7096719320	6	0	No	NO	3
18	Mirap	Godhra	7990427672	6	0	No	NO	2
19	Nadisar	Godhra	6355627237	6	0	No	NO	1
20	Sampa	Godhra	7567893113 9974753448	4	1	No	NO	1
21	TimbaGam	Godhra	8758993303	5	0	No	NO	1

22	UHC Khadifaliya	Godhra	8320363696	0	0	No	NO	1
23	UHC Satpul	Godhra		0	0	No	NO	0
24	UHC Patelvada(24*7 UHC)	Godhra	8780730300	0	0	No	NO	0
25	Arad	Halol	7567893214	6	1	No	NO	1
26	Kanjri	Halol	9664891187	6	1	No	NO	1
27	Kathola	Halol	7567893216	6	1	No	NO	2
28	Rameshra(24*7)	Halol	7567893217	6	1	No	NO	2
29	Shivrajpur(24*7)	Halol	7567893218	0	1	No	NO	2
30	Vaghbod	Halol	9979421187	6	1	No	NO	2
31	UHC Halol	Halol	7567893228	0	1	No	NO	0
32	Chalvad	Jambughoda		6	0	No	NO	2
33	Duma	Jambughoda	8238148433	6	0	No	NO	1
34	Delol(24*7)	Kalol	7567893206	6	0	No	NO	3
35	Derol Gam(24*7)	Kalol	9726363083	6	0	No	NO	1
36	Jantral	Kalol	9664969966	6	1	No	NO	0
37	Kanod	Kalol	9574312479	6	0	No	NO	0
38	Sansoli	Kalol	9558085545	6	0	No	NO	0
39	Vejalpur(24*7)	Kalol		6	0	No	NO	2
40	UHC Kalol	Kalol		6	0	No	NO	0
41	Metral	Morva(h)	9913171836 7567893481	6	1	No	NO	2
42	Mojari	Morva(h)	7567893476	6	1	No	NO	1
43	Rajayta	Morva(h)	7564894467	6	1	No	NO	2
44	Santrood	Morva(h)		6	1	No	NO	2
45	Vadodar	Morva(h)	7874264454	6	1	No	NO	2
46	Vandeli	Morva(h)	6357368819	6	1	No	NO	2

47	Aniyad	Shahera	8238347214	6	0	No	NO	0
48	Bahi	Shahera	7016863448	6	0	No	NO	1
49	Dharapur	Shahera	9106512332	0	0	No	NO	0
50	Gaman Baria Na Muvada	Shahera	7567893268	12	0	No	NO	0
51	Morva(Rena)	Shahera	7226983837 7567893267	6	0	No	NO	1
52	Nada	Shahera	8153866157	6	0	No	NO	1
53	Nandarva	Shahera	9714665197	6	0	No	NO	2
54	Vaghjipur(24*7)	Shahera	7567894155	12	0	No	NO	1
55	Padardi	Shahera	9978071233	1	0	No	NO	2
56	Sureli	Shahera	9328284075	1	0	No	NO	0
57	UHC	Shahera	7567893268	1	0	No	NO	0

## List of CHC

<u>Sr.No</u>	CHC Name	Location	Taluka name	Contact No	Beds (in No.)	Ambulance (in No)	Chemical Poisoning Treatment Facility(Yes /No)	Burn Ward (Yes/No)	Nurses (in No)
1	Ghoghamba	GHOGHAMBA	Ghoghamba	6352637412	30	1	No	No	9
2	Ranjitnagar	Ranjitnagar	Ghoghamba	8849970820	3	1	No	No	7
3	Simaliya	simaliya	Ghoghamba	7435935535	3	0	No	No	7
4	Kakanpur	KAKANPUR	Godhra	7567867302	30	1	No	No	7
5	Gothda	Timbaroad(Gothda)	Godhra	7698874958	30	1	No	No	7
6	Bhamaiya	Bhamaiya	Godhra	9313537993	5	0	No	No	7
7	Halol	HALOL	Halol	9925653663	60	1	No	No	28
8	Jambughoda	Jambughoda	Jambughoda	7567867270	30	1	No	No	7
9	Kalol	KALOL	Kalol	9913117817	30	1	No	No	7
10	Malav	MALAV	Kalol	9904513286	30	1	No	No	6
11	Morva-H	Morva-H	Morva(H)	9979960518	30	2	No	No	7
12	Mora	Mora	Morva(H)	9898546231	30	1	No	No	7
13	Shahera	shahera	Shahera	9427492492	30	1	No	No	7
14	Boriya	Boria	Shahera	8128105804	30	0	No	No	7

## List of Private Doctors

Private Hospital - Panchmahal					
Sr.No.	Name of Dr	Contact No.	Degree	Taluka	Mo of Beds
1	Dr Raval bhargav	9427397272	Gynaec & Obs	Ghoghamba	10
2	DR JIGNESH PANCHAL	9909016134	BHMS	Ghoghamba	Day Care Cunsalting
3	Dr Mon	9624513703	BHMS	Ghoghamba	Day Care Cunsalting
4	Dr Narendra K Shah	9427262371	BHMS	Ghoghamba	Day Care Cunsalting
5	Dr Parimal A Vaidhya	7016090007	BHMS	Ghoghamba	Day Care Cunsalting
6	Dr Pinkal Patel	9428033938	BHMS	Ghoghamba	Day Care Cunsalting
7	Dr Rajesh Baria	9737520254	BHMS	Ghoghamba	Day Care Cunsalting
8	Dr Rajesh I Baria	9409395781	BHMS	Ghoghamba	Day Care Cunsalting
9	Dr Renuka	8160757027	BHMS	Ghoghamba	Day Care Cunsalting
10	Dr Ritesh patel	9427047085	BHMS	Ghoghamba	Day Care Cunsalting
11	Dr S S Pathan	7990329818	BHMS	Ghoghamba	Day Care Cunsalting
12	Dr. Chintan	9925996449	BHMS	Ghoghamba	Day Care Cunsalting
13	Dr.Digvijay Bariya	9512819621	BHMS	Ghoghamba	Day Care Cunsalting
14	Dr.Himanshu baria	9426808226	BAMS	Ghoghamba	Day Care Cunsalting
15	Dr.kamlesh pandya	6355233824	BHMS	Ghoghamba	Day Care Cunsalting
16	Dr.Mehul Patel	9898011129	BHMS	Ghoghamba	Day Care Cunsalting
17	Dr. Ashish Jaishval	9426405822	MD Gyne.	Godhra	6



18	Dr batul kasiya	9099473217	Physician/ Intensivist	Godhra	10
19	Dr. Abizer	9825317124	Gynaec & Obs	Godhra	10
20	Dr. Ali Vandeliwala	9825552331	Physician	Godhra	10
21	Dr. Batulben Kasiya	7567995924	Physician	Godhra	10
22	Dr. G. N. Sagar	9574296254	MD Gyne.	Godhra	10
23	Dr. Nandanbhai Parikh	9825168256	Physician	Godhra	10
24	Dr. Zuberbhai Kothi	9714875688	Physician	Godhra	10
25	Dr.Nagar	9926120144	MD	Godhra	10
26	Sunrise Hospital	9870029449	Physician	Godhra	10
27	Dr Alwani Aziz	9825768206	General Surgeon	Godhra	15
28	Dr Kailas patel	9586405481	ENT Surgeon	Godhra	15
29	Dr pankaj Shah	9909456688	General Surgeon	Godhra	15
30	Dr.sanjiv kamodia	9824008940	General Surgeon	Godhra	15
31	Dr.Sarvar vali	9879571229	MBDGO	Godhra	15
32	Dr Imran kalu	9974226426	Physician/ Intensivist	Godhra	17
33	DR.NIRAV HAMIRANI	9727826200	MBDGO	Godhra	18
34	DR ALPESH S PATEL	9825660990	Gynaec & Obs	Godhra	20
35	Dr. Piyushbhai Patel	9825505258	Physician	Godhra	20
36	Dr. Utsav Choksi	9727722737	Physician	Godhra	20
37	Dr Rikinkumar Desai	8905783390	Physician/ Intensivist	Godhra	23
38	Mirani Hospital Dr. Rajubhai Dave	9426598182	Physician	Godhra	25
39	Dr Mazahir N Mithiborwala	9824091250	Physician/ Intensivist	Godhra	30
40	Amit.M.Soni	9825894539	BAMS	Godhra	Day Care Cunsalting
41	Bipinbhai z Vanzara	9913671888	BHMS	Godhra	Day Care Cunsalting
42	Dr a h vaghji purwala	9426327626	BHMS	Godhra	Day Care Cunsalting
43	Dr Bhavesh joshi	7567074787	BAMS	Godhra	Day Care Cunsalting

44	DR BRIJESH TRIVEDI	7405552689	BAMS	Godhra	Day Care Cunsalting
45	Dr Dhiraj Banavati	8000426059	BAMS	Godhra	Day Care Cunsalting
46	Dr himanshu patep	987951143	BAMS	Godhra	Day Care Cunsalting
47	DR IMRAN BHAIJAMAL	9904929636	BHMS	Godhra	Day Care Cunsalting
48	Dr Jayesh Balwani	9898354800	BHMS	Godhra	Day Care Cunsalting
49	Dr Jignesh y Shah	9998040865	BHMS	Godhra	Day Care Cunsalting
50	Dr Kalpesh G Suthar	8140166812	BHMS	Godhra	Day Care Cunsalting
51	Dr Mahesh R	9427077733	BHMS	Godhra	Day Care Cunsalting
52	dr mayur p chhatani	9033451384	BHMS	Godhra	Day Care Cunsalting
53	Dr mayur sindhav	9909804223	BHMS	Godhra	Day Care Cunsalting
54	Dr Mohammed Ansari	9924829440	BHMS	Godhra	Day Care Cunsalting
55	Dr Mohsin A Chhota	9662677626	BHMS	Godhra	Day Care Cunsalting
56	Dr Nilesh Thakkar	9825164128	Physician/ Intensivist	Godhra	Day Care Cunsalting
57	Dr Ovesh I Ghensh	9722702786	BHMS	Godhra	Day Care Cunsalting
58	Dr P. R. Bhatiya	7383624159	MBBS	Godhra	Day Care Cunsalting
59	Dr priti Parmar	9773440114	BHMS	Godhra	Day Care Cunsalting
60	DR SALIM Y DHANTIYA	9825499789	BHMS	Godhra	Day Care Cunsalting
61	Dr Sharmishtha Patel	9428029605	BAMS	Godhra	Day Care Cunsalting
62	Dr Vipul Baria	9537890686	BHMS	Godhra	Day Care Cunsalting

63	Dr. Govind mulchandani	9427272655	BHMS	Godhra	Day Care Cunsalting
64	Dr. Ajay .R .Bhoi	9106164523	BHMS	Godhra	Day Care Cunsalting
65	Dr. Amarnath chaidhary	9737371327	BAMS	Godhra	Day Care Cunsalting
66	Dr. Dipak. V. Parikh	9426415645	MBBS	Godhra	Day Care Cunsalting
67	Dr. H.M. Milwala	9824273051	MD Ped.	Godhra	Day Care Cunsalting
68	Dr. Jayesh Varia	9825268066	BHMS	Godhra	Day Care Cunsalting
69	Dr. Jignesh Shah	9898285903	BHMS	Godhra	Day Care Cunsalting
70	Dr. Jitendra mehta	9601129756	BHMS	Godhra	Day Care Cunsalting
71	Dr. Manoj rana	9426327497	BHMS	Godhra	Day Care Cunsalting
72	Dr. Pravin Patel Nadisar	9998097939	BAMS	Godhra	Day Care Cunsalting
73	Dr. Rajesh Vyas	9909454653	BHMS	Godhra	Day Care Cunsalting
74	Dr. Rajiv Parikh	9426321210	BAMS	Godhra	Day Care Cunsalting
75	Dr. Ramesh K. Patel	9427230323	BHMS	Godhra	Day Care Cunsalting
76	Dr. Shaji	9909849659	Physician	Godhra	Day Care Cunsalting
77	Dr. Shyamsundar Sharma	9427489935	BAMS	Godhra	Day Care Cunsalting
78	Dr. Yugma Purohit	9987592083	BHMS	Godhra	Day Care Cunsalting
79	Dr.A.R.Sharma	9327983990	MBBS	Godhra	Day Care Cunsalting
80	Dr.Anil Makwana	246596	MBBS	Godhra	Day Care Cunsalting
81	Dr.ANWER I KACHBA	9898191588	BHMS	Godhra	Day Care

					Cunsalting
82	Dr.Ashok Mulchandani	9824421741	BAMS	Godhra	Day Care Cunsalting
83	Dr.Bhartiben Shah	9825032672	MBBS	Godhra	Day Care Cunsalting
84	Dr.C.GSuthar	9638651888	BAMS	Godhra	Day Care Cunsalting
85	DR.C.N.TALATI	9428612051	M.B.B.S	Godhra	Day Care Cunsalting
86	Dr.Dattatrey Pandya	9428448950	BAMS	Godhra	Day Care Cunsalting
87	Dr.Dhaval Mahajan	9825396891	BHMS	Godhra	Day Care Cunsalting
88	Dr.Dilip Dasiyani	9825816179	BHMS	Godhra	Day Care Cunsalting
89	Dr.dinesh parmar	9979218075	BAMS	Godhra	Day Care Cunsalting
90	Dr.Dipak Parikh	240474	MBBS	Godhra	Day Care Cunsalting
91	DR.DIPALI SHAH	8866687004	B.H.M.S	Godhra	Day Care Cunsalting
92	Dr.Falgun Dagli	9825511977	MBBS	Godhra	Day Care Cunsalting
93	Dr.Girdharlal Parikh	243356	MBBS	Godhra	Day Care Cunsalting
94	DR.GITA VIRAMGAMA	7098658010		Godhra	Day Care Cunsalting
95	Dr.H.Mithiborwala	9825020511	MBBS	Godhra	Day Care Cunsalting
96	Dr.H.S. Ginwala	02672 201849	MBBS Ped.	Godhra	Day Care Cunsalting
97	Dr.I.I. Tasiya	9825182721	MD Ped.	Godhra	Day Care Cunsalting
98	Dr.J.J.Shrimali	9825522693	MBBS	Godhra	Day Care Cunsalting
99	DR.JAIMIN JOSHI	9374277533	B.H.M.S	Godhra	Day Care Cunsalting

100	DR.JAYESH BALVANI	9898359800	B.H.M.S	Godhra	Day Care Cunsalting
101	Dr.JaYesh Mankodi	9825511922	MD	Godhra	Day Care Cunsalting
102	Dr.K.O.Doshi	9898545445	MBBS	Godhra	Day Care Cunsalting
103	DR.K.S JOSHI	243214	B.H.M.S	Godhra	Day Care Cunsalting
104	Dr.Kalpesh Dabhi	9825040705	BHMS	Godhra	Day Care Cunsalting
105	Dr.KAMLESH .K.CHAUHAN	9898915381	MBBS	Godhra	Day Care Cunsalting
106	DR.LALITA VARIYA	9227161174	B.H.M.S	Godhra	Day Care Cunsalting
107	Dr.M.A.Maksud	9426338972	MBBS	Godhra	Day Care Cunsalting
108	Dr.M.G.Soni	240960	MBBS	Godhra	Day Care Cunsalting
109	Dr.M.M.Varia	9898085916	MBBS	Godhra	Day Care Cunsalting
110	Dr.M.R.Bhatia	9426363247	MBBS	Godhra	Day Care Cunsalting
111	Dr.Madhu Mangal	241334	MBBS	Godhra	Day Care Cunsalting
112	Dr.Manhar Gadhavi	9925039521	MBBS	Godhra	Day Care Cunsalting
113	Dr.mo.sajid m.mansuri	9377968943	BHMS	Godhra	Day Care Cunsalting
114	Dr.N.G.Shah	240743	MBBS	Godhra	Day Care Cunsalting
115	Dr.N.Mithiborwala	250729	MBBS	Godhra	Day Care Cunsalting
116	Dr.N.P.Patel		MBBS	Godhra	Day Care Cunsalting
117	Dr.nilam hada	9723259664	BHMS	Godhra	Day Care Cunsalting
118	Dr.P.R.Bhatia	9429908998	MBBS	Godhra	Day Care

					Cunsalting
119	Dr.Paresh Mulchandani	9825909860	BAMS	Godhra	Day Care Cunsalting
120	Dr.Pritesh Patel	8511676600	BAMS	Godhra	Day Care Cunsalting
121	Dr.Priyesh nagrechA	9998908275	BHMS	Godhra	Day Care Cunsalting
122	Dr.Purnima Modi	9898722790	MBBS	Godhra	Day Care Cunsalting
123	DR.RAVINDRA SONI	9879698115	B.H.M.S	Godhra	Day Care Cunsalting
124	Dr.Ritesh Shah	9825954006	BHMS	Godhra	Day Care Cunsalting
125	Dr.S S Lakdawala	242497	MBBS	Godhra	Day Care Cunsalting
126	Dr.S.B.Nagori	9427036278	MBBS	Godhra	Day Care Cunsalting
127	Dr.S.R.Parmar	9824409918	MBBS	Godhra	Day Care Cunsalting
128	Dr.Sandeep Sharma	9428367998	MBBS	Godhra	Day Care Cunsalting
129	DR.SAURABH SHAH	9898062735	B.H.M.S	Godhra	Day Care Cunsalting
130	Dr.V.R. Choksi	241918	MBBS	Godhra	Day Care Cunsalting
131	Dr.Vimal Joshi	7016133263	BAMS	Godhra	Day Care Cunsalting
132	Haresh hemnani	9924878907	BHMS	Godhra	Day Care Cunsalting
133	Hiren Patel	9429294287	BAMS	Godhra	Day Care Cunsalting
134	Umang patel	9825021449	BAMS	Godhra	Day Care Cunsalting
135	Dr.Alpesh Patel	937515707	MD	Godhra	
136	DR.AMIT PANCHAL		MBDGO	Godhra	
137	Dr. Avinash Darji	8980110275	Physician	Halol	10
138	Dr. Girish Chaskar	9898686656	Physician	Halol	10

139	Dr. Milan Varma	6353890141	Physician	Halol	10
140	Dr. Yograj	9409396666	Physician	Halol	15
141	Dr. Sanjay Shah	9825368084	Physician	Halol	15
142	dr milan varma	9099064786	Physician/ Intensivist	Halol	26
143	Akshay darji	9427035224	BHMS	Halol	Day Care Cunsalting
144	anil p parmar	9712099393	BHMS	Halol	Day Care Cunsalting
145	Ashish K Mahajan	9925021531	BHMS	Halol	Day Care Cunsalting
146	Dr Dhaval Upadhyay	9427807893	BHMS	Halol	Day Care Cunsalting
147	Dr Ritika Soni	9979560049	MBBS	Halol	Day Care Cunsalting
148	Dr samir memon	9898476861	MD Homoeopath	Halol	Day Care Cunsalting
149	Dr sunil shah	9067058874	BHMS	Halol	Day Care Cunsalting
150	Dr Unmesh patel	9427361582	BHMS	Halol	Day Care Cunsalting
151	Dr Vishal Sheth	9825589494	BHMS	Halol	Day Care Cunsalting
152	Dr. Dhiren Pandya	8160179191	BHMS	Halol	Day Care Cunsalting
153	Dr. Arpita Thakkar	9898466680	B.H.M.S	Halol	Day Care Cunsalting
154	Dr. Ashish Mahajan	99250 21531	B.H.M.S	Halol	Day Care Cunsalting
155	Dr. Bharat Patel	9898086100	B.H.M.S	Halol	Day Care Cunsalting
156	Dr. Chandrahas Soni	9428449159	B.H.M.S	Halol	Day Care Cunsalting
157	Dr. Chetan Bhandari	9016218800	B.H.M.S	Halol	Day Care Cunsalting
158	Dr. Darshna Patel	8460761296	B.H.M.S	Halol	Day Care Cunsalting

159	Dr. Dhamesh Variya	9924567296	B.H.M.S	Halol	Day Care Cunsalting
160	Dr. Dilip Parmar	9978779979	BHMS	Halol	Day Care Cunsalting
161	Dr. Dipak Joshi	9427717866	B.H.M.S	Halol	Day Care Cunsalting
162	Dr. Drushti Soni	9428130304	B.H.M.S	Halol	Day Care Cunsalting
163	Dr. Foram Patel	9638809788	BHMS	Halol	Day Care Cunsalting
164	Dr. HARDIK PANKAJKUMAR Shah	9909150673	BAMS	Halol	Day Care Cunsalting
165	Dr. Harun Shekh		B.H.M.S	Halol	Day Care Cunsalting
166	Dr. Hitesh Magnani	85115 82832	B.H.M.S	Halol	Day Care Cunsalting
167	Dr. Javadan Pathak Dr. Pradip Pathak	9898124985	B.H.M.S	Halol	Day Care Cunsalting
168	Dr. Jaymin Purohit	9979372562	B.H.M.S	Halol	Day Care Cunsalting
169	Dr. Jayveer Desai	9879891131	B.H.M.S	Halol	Day Care Cunsalting
170	Dr. Kadakiya	9376228835	B.H.M.S	Halol	Day Care Cunsalting
171	Dr. Keyur Soni	9712339815	B.H.M.S	Halol	Day Care Cunsalting
172	Dr. Khushbu Jani		B.H.M.S	Halol	Day Care Cunsalting
173	Dr. Manharbhai		B.H.M.S	Halol	Day Care Cunsalting
174	Dr. Manoj Soni		B.H.M.S	Halol	Day Care Cunsalting
175	Dr. Mavish Sheth		B.H.M.S	Halol	Day Care Cunsalting
176	Dr. Mukesh		B.H.M.S	Halol	Day Care Cunsalting
177	Dr. Nimesh Solanki	9825353959	B.H.M.S	Halol	Day Care



					Cunsalting
178	Dr. Nitin J. Dave Dr. Parth J. Dave	02676- 220897	B.H.M.S	Halol	Day Care Cunsalting
179	Dr. prerak kapadia	9426882577	BHMS	Halol	Day Care Cunsalting
180	Dr. Renukaben Parmar	9099185659	BHMS	Halol	Day Care Cunsalting
181	Dr. Rupesh Patel	9722411937	BHMS	Halol	Day Care Cunsalting
182	Dr. Samir Hospital		B.H.M.S	Halol	Day Care Cunsalting
183	Dr. Sanjay Patel	9925123098	B.H.M.S	Halol	Day Care Cunsalting
184	Dr. Shahnawaz Mafat	99259 81005	B.H.M.S	Halol	Day Care Cunsalting
185	Dr. Shilpa Shah	9898077067	B.H.M.S	Halol	Day Care Cunsalting
186	Dr. Sonaliben Patel	73590 69776	B.H.M.S	Halol	Day Care Cunsalting
187	Dr. Vanraj Gohil	99792 17494	B.H.M.S	Halol	Day Care Cunsalting
188	Dr. Vatsal Pathak	9428131704	B.H.M.S	Halol	Day Care Cunsalting
189	Dr. Vijay Pandey	9925323299	B.H.M.S	Halol	Day Care Cunsalting
190	Dr. Vishal Sheth	98255 89494	B.H.M.S	Halol	Day Care Cunsalting
191	Dr. Yograj Gohil	94093 96666	B.H.M.S	Halol	Day Care Cunsalting
192	DR.ASHVINBHAI M.DARJI	9409269287	DHMS	Halol	Day Care Cunsalting
193	DR.ATIT C.SONI	9429080120	BHMS	Halol	Day Care Cunsalting
194	DR.CHATURBHAI M.PARMAR	9586284788	BSAM	Halol	Day Care Cunsalting
195	Dr.Gaurav Soni	9558381404	BHMS	Halol	Day Care Cunsalting

196	Dr.khushbu thakkar	9998015994	BHMS	Halol	Day Care Cunsalting
197	Dr.nailesh joshi	9725440470	BHMS	Halol	Day Care Cunsalting
198	Dr.pankaj kachhia	9773103843	BHMS	Halol	Day Care Cunsalting
199	DR.VIRENDRBHAI K.PATEL	9662678124	BSAM	Halol	Day Care Cunsalting
200	DR.VRAJ PATEL	8141724242	BHMS	Halol	Day Care Cunsalting
201	DR HARSHAD ROHIT	9898789978	BHMS	Jambughoda	Day Care Cunsalting
202	Dr mayur patel	9624707948	BHMS	Jambughoda	Day Care Cunsalting
203	DR NATVARBHAI SHRIMALI	9537760060	MBBS	Jambughoda	Day Care Cunsalting
204	Dr Ramachandra patel	9427223182	BAMS	Jambughoda	Day Care Cunsalting
205	DR RAVINDRA VARMA	9974006878	MBBS	Jambughoda	Day Care Cunsalting
206	Dr trivedi	9428367240	BHMS	Jambughoda	Day Care Cunsalting
207	Dr vasimraja A khatri	9909504096	BHMS	Jambughoda	Day Care Cunsalting
208	Dr. Vasudev Joshi	9426340482	Physician	Kalol	10
209	Dr. Sushant Pandya	8141859549	Physician	Kalol	12
210	DR ANKITA SONI	9099367887	DHMS	Kalol	Day Care Cunsalting
211	DR ANKITBHAI PATEL	9099872343	MBBS	Kalol	Day Care Cunsalting
212	DR ASHISH D SHAH	9978173664	BHMS	Kalol	Day Care Cunsalting
213	DR BHAVESHBHAI SONI	9924343704	BHMS	Kalol	Day Care Cunsalting
214	Dr chetan trivedi	9925254562	BHMS	Kalol	Day Care Cunsalting
215	DR HARESH BHATT	9998834521	BSAM	Kalol	Day Care

					Cunsalting
216	DR IRFAN ISMAILWALA	9978582161	DHMS	Kalol	Day Care Cunsalting
217	DR JAFAR N RASULBHAI	9909517222	BHMS	Kalol	Day Care Cunsalting
218	Dr Kalpesh Joshi	9979003669	BHMS	Kalol	Day Care Cunsalting
219	Dr khilan shah	9825452946	BHMS	Kalol	Day Care Cunsalting
220	Dr Mayank H Joshi	9979068058	BHMS	Kalol	Day Care Cunsalting
221	DR MITESH PATEL	9712607744	BHMS	Kalol	Day Care Cunsalting
222	DR MITESH VARIYA	9426550489	DHMS	Kalol	Day Care Cunsalting
223	DR NARAYANBHAI P GADHAVI	9974441078	DHMS	Kalol	Day Care Cunsalting
224	DR NARESH SUKALA	9879637977	BSAM	Kalol	Day Care Cunsalting
225	DR PARESHBHAI C PATEL	9998687798	DHMS	Kalol	Day Care Cunsalting
226	Dr payal patel	9173373307	BHMS	Kalol	Day Care Cunsalting
227	DR PINALBHAI D PANDYA	9974806336	DHMS	Kalol	Day Care Cunsalting
228	Dr Rakesh shah	9712465128	BHMS	Kalol	Day Care Cunsalting
229	Dr Sanjay mukherjee	9726538364	MBBS	Kalol	Day Care Cunsalting
230	Dr Sunilkumar parmar	9638766634	BHMS	Kalol	Day Care Cunsalting
231	Dr Thakor patel	9898199193	BAMS	Kalol	Day Care Cunsalting
232	Dr Vishal Patel	9664621311	BHMS	Kalol	Day Care Cunsalting
233	Dr Yogesh Pandya	9825852072	BHMS	Kalol	Day Care

					Cunsalting
234	DR YOGINBHAI T PATEL	9898850038	BHMS	Kalol	Day Care Cunsalting
235	Dr. Ankit S Pandya	9429052501	DHMS	Kalol	Day Care Cunsalting
236	Dr. Ashok M. Patel	9979356906	BSAM	Kalol	Day Care Cunsalting
237	DR. BHARATBHAI S SHAH	9428165975	DHMS	Kalol	Day Care Cunsalting
238	Dr. Dev Ashis V	9978575212	BIAM	Kalol	Day Care Cunsalting
239	Dr. Dineshchandra K Mehta	9638440296	BHAM	Kalol	Day Care Cunsalting
240	DR. DIPTESH S PATEL	9428063660	BHMS	Kalol	Day Care Cunsalting
241	DR. HEMANT A PANDYA	9428673193	BSAM	Kalol	Day Care Cunsalting
242	Dr. Ilesh Pael	9825915459	DHMS	Kalol	Day Care Cunsalting
243	Dr. Jagdishbhai C Shah	9974257495	AYUEDO	Kalol	Day Care Cunsalting
244	DR. PRAVINBHAI P UPADHYAY	9978573540	BSAM	Kalol	Day Care Cunsalting
245	Dr. Sejal Bhatt	8160500704	BHMS	Kalol	Day Care Cunsalting
246	Dr.Akasj Joshi	8866897924	B.H.M.S	Kalol	Day Care Cunsalting
247	Dr.Ankit Pandya	9737139605	B.H.M.S	Kalol	Day Care Cunsalting
248	Dr.Ashvin Dave	9925654403	MBBS	Kalol	Day Care Cunsalting
249	Dr.Chandrakant PaNDYA	9825264564	B.A.M.S	Kalol	Day Care Cunsalting
250	Dr.Chudasama		MBBS	Kalol	Day Care Cunsalting

251	Dr.Dilip Supeda	9825017396	M.S	Kalol	Day Care Cunsalting
252	Dr.Dinesh Pandya	8469235565	D.H.M.S	Kalol	Day Care Cunsalting
253	Dr.Dipak Pandya	9322159857	B.S.A.M	Kalol	Day Care Cunsalting
254	Dr.harshit Gadhavi	9898038518	B.A.M.S	Kalol	Day Care Cunsalting
255	Dr.J.M.Shekh	9898529696	B.H.M.S	Kalol	Day Care Cunsalting
256	Dr.Kiran Parmar	9228135018	B.H.M.S	Kalol	Day Care Cunsalting
257	Dr.Madhusudan Patel	9898595801	BHMS	Kalol	Day Care Cunsalting
258	Dr.Milan Varma	972407284	M.B.B.S	Kalol	Day Care Cunsalting
259	Dr.N.I.Mansuri	9879318251	BHMS	Kalol	Day Care Cunsalting
260	Dr.Sanjay Mukharjee	9427688652	M.B.B.S, M.S	Kalol	Day Care Cunsalting
261	Dr.Sneha parikh	9712336184	B.H.M.S	Kalol	Day Care Cunsalting
262	Dr.Sudhrut pandya	8469076979	M.D PHY.	Kalol	Day Care Cunsalting
263	Jayesh vyas	9974931496	BHMS	Kalol	Day Care Cunsalting
264	Jitendra Patel	9974608561	BHMS	Kalol	Day Care Cunsalting
265	N.M.G. HOSPITAL	9426511884	MBBS	Kalol	Day Care Cunsalting
266	Sheikh iliyas	9898529694	BHMS	Kalol	Day Care Cunsalting
267	Dr Keyurkumar Kisordas Bhavsar	9726273134	BAMS	Morva Hadaf	Day Care Cunsalting
268	DR Ashokkumar C Shah	9426581832	BSAM	Morva Hadaf	Day Care Cunsalting
269	DR Aswin Dandwani	9426431681	DHMS	Morva Hadaf	Day Care

					Cunsalting
270	Dr Hiren Ganasava	7567725408	BHMS	Morva Hadaf	Day Care Cunsalting
271	Dr L V Desai	9586639119	MBBS	Morva Hadaf	Day Care Cunsalting
272	DR Priyanka H Soni	9427828007	BHMS	Morva Hadaf	Day Care Cunsalting
273	Dr Ravindra Patel	9426931889	B.H.M.S	Morva Hadaf	Day Care Cunsalting
274	Dr tarun purani	7623818839	BAMS	Morva Hadaf	Day Care Cunsalting
275	DR Tarun M Kosti	9727554646	BHMS	Morva Hadaf	Day Care Cunsalting
276	DR. Darshan S Bhabhor	8758837884	BAMS	Morva Hadaf	Day Care Cunsalting
277	DR. Jagdish B Patel	9426047601	DHMS	Morva Hadaf	Day Care Cunsalting
278	Dr. Manish L.Desai	9978581222	B.H.M.S	Morva Hadaf	Day Care Cunsalting
279	Dr. Meeta Baria	9727712894	BHMS	Morva Hadaf	Day Care Cunsalting
280	Dr. Niravkumar P.Patel	9428446171	B.H.M.S	Morva Hadaf	Day Care Cunsalting
281	Dr.Arjunsinh M.Baria		B.S.A.M.	Morva Hadaf	Day Care Cunsalting
282	DR.Ashish Bhatiya	9601645222	MBBS	Morva Hadaf	Day Care Cunsalting
283	Dr.Bhargav N.Patel	9909732424	D.H.M.S.	Morva Hadaf	Day Care Cunsalting
284	Dr.Deven P.Soni	9879348013	D.H.M.S.	Morva Hadaf	Day Care Cunsalting
285	Dr.Girish Patel	9574677665	BHMS	Morva Hadaf	Day Care Cunsalting
286	Dr.H.A.Rathod	9099460544	BHMS	Morva Hadaf	Day Care Cunsalting
287	Dr.Jignesh H.Soni	9427036766	D.H.M.S.	Morva Hadaf	Day Care Cunsalting

288	Dr.Kalpesh Bamaniya	9429846377	B.A.M.S.	Morva Hadaf	Day Care Cunsalting
289	Dr.Kamil U.Shah	9879699616	B.H.M.S	Morva Hadaf	Day Care Cunsalting
290	Dr.MAHmod Hanif	9427385212	B.A.M.S.	Morva Hadaf	Day Care Cunsalting
291	Dr.N.J.Desai	9428012719	B.A.M.S.	Morva Hadaf	Day Care Cunsalting
292	Dr.Nimesh V.Trivedi	9979068142	N.D.S.C.	Morva Hadaf	Day Care Cunsalting
293	Dr.Nirupama Bhagat	7874194101	B.H.M.S	Morva Hadaf	Day Care Cunsalting
294	Dr.Paresh N.Mahajan	9824392130	B.S.A.M.	Morva Hadaf	Day Care Cunsalting
295	Dr.Rakesh Patel	9879723800	B.H.M.S	Morva Hadaf	Day Care Cunsalting
296	Dr.Sanjay M.Patel	9537156550	B.H.M.S	Morva Hadaf	Day Care Cunsalting
297	Dr.Vinod M.Patel	9427484969	B.S.A.M.	Morva Hadaf	Day Care Cunsalting
298	Dr.Vipul A.Baria	9725673233	B.H.M.S	Morva Hadaf	Day Care Cunsalting
299	DR.Yatin S Patel	9898477388	DHMS	Morva Hadaf	Day Care Cunsalting
300	Kamilkumar udaykumar shah	8200538009	BHMS	Morva Hadaf	Day Care Cunsalting
301	Dr nirav patel	9429840085	BHMS	Morva hadaf	Day Care Cunsalting
302	Dr. KAMLESH PATEL	9913118499	BAMS	Morva hadaf	Day Care Cunsalting
303	Dr. Mahendra sinh.B. parmar	9638526673	BHMS	Morva hadaf	Day Care Cunsalting
304	Dr.Girish.N.patel	9099437111	BHMS	Morva hadaf	Day Care Cunsalting
305	Geeta dandwani	9879182231	MBBS	Morva hadaf	Day Care Cunsalting
306	Jigar k patel	7567765742	BAMS	Morva hadaf	Day Care

					Cunsalting
307	Keyur n patel	8238548097	BAMS	Morva hadaf	Day Care Cunsalting
308	Dr.MAZAHIR.N.MITHIBORVALA		MD	Shahera	10
309	Dr abhishek Thakkar	9428781226	BAMS	Shahera	Day Care Cunsalting
310	Dr ANANT D PATHAK	7016669587	BAMS	Shahera	Day Care Cunsalting
311	Dr Dakshesh Soni	9898915800	BHMS	Shahera	Day Care Cunsalting
312	Dr Divyesh S Patel	9427655276	BHMS	Shahera	Day Care Cunsalting
313	Dr Kamlesh K Chauhan	9723215381	MBBS	Shahera	Day Care Cunsalting
314	Dr MAHESH BARIA	9924299800	BHMS	Shahera	Day Care Cunsalting
315	Dr Rajesh patel	7698375885	BHMS	Shahera	Day Care Cunsalting
316	Dr Ramesh M Chauhan	8154899055	BHMS	Shahera	Day Care Cunsalting
317	DR VIJAY R PATEL	9909166581	BSAM	Shahera	Day Care Cunsalting
318	Dr yogesh raval	8980043051	BHMS	Shahera	Day Care Cunsalting
319	Dr. Ashraf A. Shaikh	9898548473	BHMS	Shahera	Day Care Cunsalting
320	Dr. Dharmesh Upadhyay	9979751214	BHMS	Shahera	Day Care Cunsalting
321	Dr. Dhirendrasinh Thakor	9426566876	BAMS	Shahera	Day Care Cunsalting
322	Dr. Jitendra Baria	8141463071	BHMS	Shahera	Day Care Cunsalting
323	Dr. Tarun M. Shah	9426327772	BAMS	Shahera	Day Care Cunsalting
324	Dr.. Divyani patel	9408433538	BHMS	Shahera	Day Care Cunsalting



325	Dr.AJAY.S.BHAVSAR	9426390838	BAMS	Shahera	Day Care Cunsalting
326	Dr.Anand Chauhan	9714281018	BHMS	Shahera	Day Care Cunsalting
327	Dr.ANSAR VHORA	9829666678	BAMS	Shahera	Day Care Cunsalting
328	Dr.ARVIND.B. PAGI	7878457816	BHMS	Shahera	Day Care Cunsalting
329	Dr.BHUPENDRA .C. THAKOR	9428543037	MBBS	Shahera	Day Care Cunsalting
330	Dr.CHANDRASHEKHAR.B.ROY	8141998998	BHMS	Shahera	Day Care Cunsalting
331	Dr.HARSHAD.R.MALIWAD	9426540476	MD. DGO	Shahera	Day Care Cunsalting
332	Dr.JAYDEEP.A.SOLANKI	7777972820	BHMS	Shahera	Day Care Cunsalting
333	Dr.Jigar Dalal	9925589010	BHMS	Shahera	Day Care Cunsalting
334	Dr.JYOTIMAY PATHAK		BAMS	Shahera	Day Care Cunsalting
335	DR.MANHAR A.GADHVI	-	MBBS	Shahera	Day Care Cunsalting
336	Dr.MOHSIN .F.VASKA	9925304244	BHMS	Shahera	Day Care Cunsalting
337	DR.NIRAJ PATEL	9825439919	BHMS	Shahera	Day Care Cunsalting
338	Dr.NIRAV.A.PATHAK	9726550163	BSCDMLT	Shahera	Day Care Cunsalting
339	Dr.P.K.PATEL	9426338798	MBBS	Shahera	Day Care Cunsalting
340	Dr.Pankajkmar Patel	8140653753	B.H.M.S	Shahera	Day Care Cunsalting
341	Dr.PARMAR MANUBHAI RAYMALBHAI	9427057141	BSC	Shahera	Day Care Cunsalting
342	Dr.prakash patel	9427397088	BHMS	Shahera	Day Care

					Cunsalting
343	DR.RAJESHKUMAR GUPATA	9825768252	MBBS	Shahera	Day Care Cunsalting
344	Dr.S.K.MANDOL	9909076124	BAMS	Shahera	Day Care Cunsalting
345	DR.SARJU PATEL	9979518323	BHMS	Shahera	Day Care Cunsalting
346	Dr.Sunilkumar Shah	9878175055	B.H.M.S	Shahera	Day Care Cunsalting
347	Dr.SURESHCHANDRA.R.PATHAK	9427361646	MBBS	Shahera	Day Care Cunsalting
348	DR.VIJAY PATEL JALARAM HOS.	9825823413	MBBS	Shahera	Day Care Cunsalting
349	Dr.VIPULKUMAR A. VASANI	9427081506	BHMS	Shahera	Day Care Cunsalting
350	DrRanjitsinh f parmar	9879220821	BAMS	Shahera	Day Care Cunsalting
351	Suresh bheekhabhai panchal	9428363221	BHMS	Shahera	Day Care Cunsalting

Source:Health Department

**List of Equipment with Mamlatdar office**

<b>Sr.No</b>	<b>Name of Taluka</b>	<b>Life Jacket</b>	<b>Lifebuoy ring</b>	<b>Rope-100Ft.</b>	<b>Rope-200Ft.</b>	<b>Generator Set</b>
<b>1</b>	<b>Godhra</b>	<b>04</b>	<b>07</b>	<b>04</b>	<b>00</b>	<b>00</b>
<b>2</b>	<b>Kalol</b>	<b>20</b>	<b>20</b>	<b>01</b>	<b>00</b>	<b>01</b>
<b>3</b>	<b>Halol</b>	<b>30</b>	<b>30</b>	<b>00</b>	<b>00</b>	<b>00</b>
<b>4</b>	<b>Ghoghamba</b>	<b>17</b>	<b>15</b>	<b>02</b>	<b>00</b>	<b>01</b>
<b>5</b>	<b>Jambughoda</b>	<b>19</b>	<b>19</b>	<b>02</b>	<b>01</b>	<b>00</b>
<b>6</b>	<b>Shahera</b>	<b>10</b>	<b>17</b>	<b>04</b>	<b>00</b>	<b>00</b>
<b>7</b>	<b>Morva(h)</b>	<b>05</b>	<b>07</b>	<b>02</b>	<b>00</b>	<b>00</b>

## List of Equipment with Fire Department Nagarpalika

Sr.No	Name of Nagarpalika	Name of Equipment	Number of Vehicle	Working Condition Yes/No	Details of custodian			
					Name	Designation	Mobile Number	Telephone number
1	Godhra	Mini fire Tender	1	Yes	Shri.Dinesh Dindor	i/c Fire Officer	7657124114	02672-240043
		Water Bowser	2	Yes				
		Fire Bullet	3	Yes				
		Boat	3	1 Working				
		Water Mist	2	Yes				
		Inflatable Emergency Portable Light	1	Yes				
		Life Jacket	15	Yes				
		Lifebuoy ring	18	Yes				
		Rope-100Ft.	10	Yes				
		Tree Cutter						
2	Kalol	Mini fire Tender	1	Yes	Shri.Milap J Patel	Chief Officer	9265309041	02672-235101
		Fire Tender	1	Yes	Shri.Mayur Gohel	S.I	7984082691	
		Water Bowser	1	Yes				
		Fire Bullet	0	-				
		Boat	0	-				
		Inflatable Emergency Portable Light	0	-				
		Life Jacket	7	Yes				
		Lifebuoy ring	5	Yes				
		Rope-100Ft.	7	Yes				
3	Halol	Mini fire Tender	1	Yes	Shri.Devang Christian	i/c Fire Officer	9998872161	02676-221972  02676-298101
		Fire Tender	1	Yes	Moin Shaikh	Station offier	8140693686	
		Water Bowser	1	Yes				
		Fire Bullet	1	Yes				
		Boat	1	No				
		Inflatable Emergency Portable Light	0	-				

		Life Jacket	6	Yes				
		Lifebuoy ring	8	Yes				
		Rope-100Ft.	3	Yes				
		Rope-200Ft.	0	-				
		Tree Cutter	1	Yes				
4	Shahera	Mini fire Tender	1	Yes	Shri.Jitendra Rathod	i/c Fire Officer	8200729961	02670-226856
		Water Bowser	0	-				
		Fire Bullet	0	-				
		Boat	0	-				
		Inflatable Emergency Portable Light		-				
		Life Jacket	0	-				
		Lifebuoy ring		-				
		Rope-100Ft.		-				
		Rope-200Ft.	0	-				
		Generator Set	0	-				

## List of MAH Unit in Panchmahal District

Panchamahals MAH List (Updated 2024)						
No	Factory Name & Add	Contact Person	Mobile Number	Chemical Used	Storage	Hazards
1	<b>SISECHEM Flat Glass Ltd (HNG Ltd)</b>	Jatin Patel - EHS	+91 99043 04254	LPG (20 MT)	Bullet	Fire & Explosive
	At-Chandrapura, Halol-Savali Road	Tapan Shah - HR	+91 98791 09059			
	Ta-Halol	Mukesh Sharma - Head	+91 89800 18521			
2	<b>Hero Motocorp Ltd</b>	Arjan Chabhad - EHS	+91 99090 09078	Propane (48 MT)	Bullet	Fire & Explosive
	102, GIDC, At-Navariya, Halol	Pradip Sharma - HR	+91 88001 18370			
	Ta-Halol	Rajesh Kumar - Head	+91 85869 66593			
3	<b>Paushak Ltd</b>	Prasant Mourya - EHS	+91 99099 85374	Chlorine (50 MT)	Tonner	Toxic
	S.No.135, At-Panelav	Navnit Rajput - HR	+91 96876 94054	Toluene (70 MT)	Tank	Fire
	Ta-Halol	Ramkrishnan Iyer - Head	+91 991463 71238	Phosgene (750 Kg)	Holding	Highly Toxic
4	<b>Gujarat Floro Chemicals (GFL Ltd)</b>	Kaushik Patel - EHS	+91 99980 02268	Chloroform (600 MT)	Tank	Toxic
	S.No.-16/3, At-Ranjitnagar	Sunita Gami - HR	+91 90161 28164	Oleum 23% (100 MT)	Tank	Corrosive & Toxic
	Ta-Ghoghamba	Jay Shah - Head	+91 75748 22348	Solvent	Tank	Fire
5	<b>Styrenix India Ltd</b>	Rajendra Chakravarti - EHS	+91 98985 06293	Styrene (1360 M3)	Tank	Highly Toxic
	At-Katol, Halol-Godhra Road	Sweta Vakil - HR	+91 95120 12136	Acrelonitryle (536 KL)	Tank	Toxic
	Ta-Kalol	Parvez Bata - Head	+91 99090 29148	Solvent	Tank	Fire
6	<b>Panchamahal Steel Ltd</b>	Subham Mishra - EHS	+91 76001 14845	LPG (45 MT)	Bullet	Fire & Explosive
	1, GIDC, Kalol	Axay Sehgal - HR	+91 98988 32535			
	Ta-Kalol	Rajan Kalani - Head	+91 79902 87639			
7	<b>Kusha ChemicalsPvt Ltd</b>	Malhar Bariya - EHS	+91 93167 04442	Ethylene Oxyde (45 MT)	Bullet	Fire & Explosive

	At-Popatpura, Halol-Godhra Road	Nikunj Patel - HR	+91 98795 51959	Solvents	Barrels	Fire
	Ta-Godhra	Ishwar Patel - Director	+91 98211 30006			

## Antidotes Details Of MAH Factory

Antidotes Details Of MAH Factory (Panchmahal)							
No.	Name of Company	Plot No.	Phone No.	Name of Chemicals	Name of Antidotes	Medical Treatment	Quantity
1	Paushak Ltd	135-36, 145-46-47 , 79, 228-29-30 Panelav , Tajpura	(1)Dr. Milan Thakkar = 9558804701 (2)Prasant Mourya - EHS=99099 85374	Phosgene	NA	Medical Oxygene and Inj. Methyle Predisolone	10
				Chlorine	NA	Medical Oxygene and Inj. Dexona + Inj Avil - Cough ing	20
				Nitro, Amine & Aniline base compound raw material	Methylene Blue	-	5
				Chemical Burn Injury	NA	Diphoterine skin Spray & Eye wash	20
2	Kusha ChemicalsPvt Ltd	At-Popatpura, Halol-Godhra Road,Ta-Godhra	1)Dr. Milan Thakkar = 9558804701 (2)Ishwar Patel - Director = 98211 30006	Ethylene Oxide	Atropine	-	5
				PropyleneOxide	Palm	-	2
3	Styrenix India Ltd	At-Katol, Halol-Godhra Road,Ta-Kalol	(1) Dr. D.K Supeda= 9825017396 (2)Parvez Bata - Head = 9909029148	Sodium Nitrate	Amvl Nitril	-	2
				Sodium Thiosulphate			
4	Gujarat Floro Chemicals (GFL Ltd)	S.No.-16/3, At-Ranjitnagar,Ta-Ghoghamba	(1)Dr.Kalpesh Changlani=8905320619 ; (2)Dr.Amar Rathi=8347001246 (3)Sanjay Gandhi - 9662527632	Snake bite	Anti Snake Venom	-	6
				Aniline	Methylene Blue injection	-	10
				Anhydrous Hydrofluric Acid	Injection Calsium	-	42
					HF Eye Wash	-	9
					HF Face Was	-	15



				Safety Gel -HF	-	40
			Bromine	Safety Gel -B	-	3
			Sulphuric Acid	Safety Gel -S	-	40
			Caustic	Safety Gel -C	-	20

### **Details of Industry with fire tender facility**

Sr	Name of Indusrty	Address	Responsible Officer Name	Contact No.	Details of Fire Tender
1	MG Motor India Pvt. Ltd	Chandrapura Industrial estate, Halol, Godhra Pin : 389351	Randhirsinh Railji -H.R.	7227931083	One Fire Multipurpose Tender having water capacity of 5000 Ltr & Foam 1000 Ltr
			Rakesh Patel(EHS )	6358760153	
2	Polycab India Limited	Noorpura, Halol	Narayan Shah Shah-H.R	9426026710	Mini Multipurpose 2000 Ltrs water
			Ishan Bhatt- EHS	9033709327	
3	Gujarat Floro Chemicals (GFL Ltd)	S.No.-16/3, At-Ranjitnagar,Ta-Ghoghamba	Kaushik Patel - EHS	99980 02268	02 Nos. Multi Purpose water capacity-4500 Ltr Foam Capacity =1000Ltr DCP=500 Kgs-01 NOs
			Jayesh Solanki -EHS	9725022830	
			Jay Shah - Head	+91 75748 22348	

### **Indusries with medical facility**

<b>Sr.</b>	<b>Name of Industry</b>	<b>Nos. of Ambulance</b>	<b>Type of Ambulance ALS/BLS</b>	<b>Availibility of Doctor (Number of doctor)</b>	<b>Contact No</b>	<b>Availibility of peraMedical staff Numbers of Pera medical staff</b>
1	JCB Industries PVT LTD	1	ALS	Dr. Satish Patel	9687626840 ;9979370341	04 Nursing staff + 04 Drivers
2	LM Wind Power Blades India Pvt Ltd	1	BLS	Dr.Jitesh Hadiya	9574766438	05 Nursing staff
3	Raychem RPG	1	ALS	Dr.Ritika Soni Dr. kiran Monani	9979560049 9824424496	06 Nursing staff
4	Styrenix Performance Material Limited	1	BLS	Dr. D.K Supeda	9825017396	01 Nursing staff
5	TOTO India Industries Pvt. Ltd	1	BLS	Dr. Prakash Shah	9016535035	03 Nursing staff
6	Gujarat Floro Chemicals (GFL Ltd)	2	01 BLS , 01 ALS	Dr.Kalpesh Changlani Dr.Amar Rathi	8905320619 8347001246	06 Nos paramedical staff(05Male Nurse, 01 Female Nurse)
7	HERO MOTOCORP LIMITED	2	BLS	Dr. Sandeep Thakkar	9099016509	05 Nursing staff
8	Rubamin Private Limited	1	NA	Dr. Amar rathi	8347001246	0
9	Sisecam Flat Glass Ltd	1	BLS	Dr. Parth Patel	7043454090	3 medical staff and 2 driver for ambulance
10	Hitachi Energy	1	BLS	DR. Mitesh Patel	8511048192	3 Nursing staff
11	Ceat Limited	1	BLS	Dr.Rikul Shah	9016417931	4 Nos Male Nurse 4 Nos Female Nurse 3 Nos Ambulance Driver
12	Polycab India Ltd	1	BLS	Dr. Bharat R.Gorfad	9724601683	06 Nursing staff
13	Sun Pharmaceuticals Lnd Ltd	2	BLS	Dr. Kamlesh	9586289606	4 Nursing staff
14	Sun Pharmaceutical Medicare Ltd.	1	BLS	Dr. Vinay Patel	8320809451	03 Nursing staff

15	Alembic Pharmaceutical Ltd.	2	BLS	Dr. Manish Gehani	7568874444	04 Nursing staff
				Dr. Kinjal Prajapati	9725122179	
				Dr. Vinay Barot	9925220776	
				Dr.Niraj Singada	8141332337	
16	MG Motor india Pvt. Ltd	1	ALS	Dr. Sunil Nagori	8154021727	6 Para medical staffs (3 Male & 3 Female and 4 Ambulance drivers) Available in all shift
				Dr. Richa Patel	8141289839	
				Dr. Kamal Mistry	9913301086	
17	Valmont Structures Pvt. Ltd.	NA	NA	NA	NA	2 first Aider in each shift.
18	Paushak Limited	1	BLS	NA	NA	01 Nursing staff
19	Setco Auto Systems Pvt.Ltd.	1	BLS	Dr.Avinash Darji	8980110275	03 Nursing staff
20	Windar Renewable Energy Pvt. Ltd	1	NA	NA	NA	3 Medical staff in each shift.
21	Nobel Hygiene Pvt Ltd	1	BLS	NA	NA	1 Female Nurce + 6 First Aider
22	A.G. Industries Private Limited, Halol	1	BLS	NA	NA	0
23	Satyam Auto Components Pvt Ltd	1	NA	NA	NA	03 Nursing staff
24	ENDURANCE TECHNOLOGIES LIMITED, HALOL	1	BLS	NA	NA	One Nursing staff
25	Merino Industries Ltd	1	BLS	NA	NA	0
26	Safari Manufacturing Ltd.	1	NA	NA	NA	1 Female Nurse (PeraMedical staff)
27	Inox India Ltd.	1	BLS	NA	NA	1Nursing staff

## **List of Industry Safety officer**

<b>Sr.</b>	<b>Name of Industry</b>	<b>Name of Officer</b>	<b>Contact Numebr</b>
1	JCB Industries PVT LTD	Mr. Dharmendra Patel (AGM EHS)	6353544130
		Mr. Siddharth Trivedi (DM EHS)	8238106344
		Mr. Yash Patel (SE EHS)	9429133979
2	LM Wind power Blades India Ltd	Viral Patel	9909962135
		Mehul Patel	9727670084
		Hitesh Rathod	9714714999
3	Raychem RPG	Sudhir Barot	9879561601
		Kamalkant Patel	9712395456
		Viraj Patel	9687122350
4	Styrenix Performance material Limited	Rajendra chakravarti	9898506293
5	TOTO India Industries Pvt. Ltd	Ashish Panchal	9898079064
		Vishal Chauhan	7227036444
		Mohit Gohil	7778860874
		Mayank Vasava	7227906781
6	Gandhi Specials Tubes Limited	Harkisansinh Solanki	9909733326
7	AVGOL Nonwovens India Private Limited	Parthik R. Vaghela	8401820003
8	Windar Renewable Energy Pvt. LTD	Vaibhav Soni	9099935238
9	Nobel Hygiene Pvt Ltd	Mr. Anuvenda Mori	8460236335
		Mr. Jaimin Mahida	7874793749
10	A.G. Industries Private Limited, Halol	Jaydip Jayswal	7227989756

11	HERO MOTOCORP LIMITED	Arjan Chabhad	9909009078
		Shivam Darji	8866889877
		Hiren Bamrotiya	9725573072
12	SHANMUKHA AGRITEC LIMITED	K. GANESH	9149281300
		ANKITKUMAR PATEL	8128347500
		Kanu Makwana	9978573270
13	BSTO Automotive Parts	Ashish Soni	9898337166
		Vishal Mochi	7359829004
14	Rubamin Private Limited	Monish Dhital	8758473819
15	Windar Renewable Energy Pvt. LTD	Vaibhav Soni	9099935238
16	Sisecam Flat Glass Halol	Jatin Patel	9904304254
17	Hitachi Energy	Naveen Kumar Singh	9978650901
18	PMT Machines Ltd.	Mr. Visvas Rajyaguru	7069091306
1	Kusa Chemical Pvt. Ltd.	Malhar Baria	9316704442
19	Endurance Technologis Ltd	Mr. JIGAR PATEL	8460291220
20	Ceat Ltd	Biswamber Sahu	6357680682
		Jignesh Parmar	9819556115
21	Suyog Electricals Ltd	Bidyut Mtra	8160906488
22	Merino Industries Ltd	Mr. Naveen Sharma	6357336634
23	Polycab India Ltd (Unit-4)	Dhiraj Gohil	9727949596
24	Polycab India Limited (Unit 3)	Hardik Vashiar	6357182072
25	Polycab India Limited(Unit 5)	Vandeep Parmar	6357173870
26	Polycab India Limited (Unit 2)	Sagar Shah	7874689660
27	Polycab India Limited(Unit 6)	Binal Thakor	7069755052
28	Polycab India Limited (Unit 7)	Vishal Shah	7041584807
29	Indutch Composites Technology pvt.ltd	Mr.Yogesh Patel	7486000691
30	Sun Pharmaceutical ind ltd	Hetalkumar Pathak	9099959899
		Pankaj Ahirekar	8469365249

		Tushar Joshi	9974609776
		Ankit Mehwal	8200981338
31	Inox India Ltd.	Pratik Patel-HSE	7211172013
		Chirag Makwana-HSE	9879787633
		Mitesh Savaliya-HSE	8320280441
		Rutvik Patel-HSE	7490059020
32	Safari Manufacturing Ltd.	Roshan Shihora	9998672785
33	Sun Pharmaceutical Medicare Ltd.	Tushar Korat	8866170144
		Kaushal Panchal	9898684240
34	Lucy Electric Manufacturing and Technologies India Pvt. Ltd.	Vinod Sharma	7227908942
35	Alembic Pharmaceutical Ltd.(API-I)	Mr. Lav Varia	9909411813
36	Alembic Pharmaceutical Ltd. (API-II)	Mr. Kashyap Raval	9173573203
37	Alembic Pharmaceutical Ltd. (Formulation-I)	Mr. Gunvant Zala	6353986648
38	Alembic Pharmaceutical Ltd. (Formulation-II)	Mr. Sagar Vichare	9998017358
39	MG Motor india Pvt. Ltd	Nidhi Nayyar (Deputy General Manager-EHS)	7486043098
		Rakesh Patel (Sr. Manager-EHS)	6358760153
		Minol Modi (Manager-EHS)	7227037186
		Bhumi Dhameliya (Deputy Manager - EHS)	6358916319
		Jay Vithalani (Deputy Manger - EHS)	9712676628
		Manikandan (Dy. Manager – EHS)	6358193508
		Gaurang Patel	7486045140
		Kalpesh Aher	7486002571

40	Valmont Structures Pvt. Ltd.	Aarsh Solanki	7405879916
41	Natroyal Industries Pvt.Ltd.	Mr. Ganpat Parmar	9227451586
42	Paushak Limited	Mr. Prashant Maurya Head - EHS	9909985374
		Mr. Rakesh Chaudhry	6356620887
		Mr. Urvish Trivedi	6357428892
		Mr. Jigar Rathod	6357558842
		Mr. Umesh Prajapati	6357689574
43	Gujarat Floro Chemicals (GFL Ltd)	Mr. Jayesh Solanki Head - EHS	9725022830
		Mr. kaushik Patel Head - EHS	9898002268
		Mr.Jignesh Patel Head - EHS	8200341371
		Mr. Mayank Patel Head - EHS	6354918496
44	Panchmahal Steel Ltd	Mr.shubham mishra	7600114845

**Source:DISH**





## LIST OF SWIMMERS (Home Guards)

પંચમહાલના તરવૈયા હોમગાર્ડઝ સભ્યોની યાદી વર્ષ-૨૦૨૪				
ક્રમ	હોમગાર્ડઝ સભ્યોનું નામ	સનદ નં	સરનામું	મોબાઈલ નંબર
1	અનોપસીંહ અજબસીંહ રાઠોડ	629	ઝેરના મુવાડા	9712332296
2	સંદીપભાઈ અરવિંદસીંહ રાઠોડ	737	ઝેરના મુવાડા	8141896264
3	પ્રવીણસીંહ ચંદ્રસીંહ યાવડા	731	ઝેરના મુવાડા	8758430095
4	જગદીશભાઈ તખતસીંહ રાઠોડ	658	ઝેરના મુવાડા	8141995022
5	ગોવીંદસીંહ સામંતસીંહ રાઠોડ	647	ઝેરના મુવાડા	7359298627
6	સંજયસીંહ અમરસીંહ રાઠોડ	706	ઝેરના મુવાડા	9712374344
7	વિજયસીંહ વિક્રમસીંહ રાઠોડ	721	ઝેરના મુવાડા	9825456266
8	બળવંતસીંહ બલુભાઈ ચૌહાણ	630	બેઢીયા	9510112455
9	સંજયસીંહ અમરસીંહ ચૌહાણ	708	બેઢીયા	8980290064
10	ગણપતભાઈ રામસીંગ રાઠવા	642	ફણસી	7265997844
11	રણજીતસીંહ લક્ષ્મણસીંહ પરમાર	700	ફણસી	8980244190
12	ગિરવતસીંહ દીલીપસીંહ પરમાર	644	ફણસી	9687415134
13	ગુલાબભાઈ કોયાભાઈ ચૌહાણ	648	ફણસી	9879651241
14	નરેશભાઈ કાભયભાઈ ચૌહાણ	680	ફણસી	8320504580
15	રાજેન્દ્રસીંહ નરવતસીંહ ચૌહાણ	687	ફણસી	9998432017
16	રોહીતભાઈ અર્જુનસીંહ યાવડા	703	ફણસી	6354229119
17	પરમાર સંજયકુમાર જશવંતસિંહ	874	પાવાગઢ	9913120289
18	પરમાર જશવંતભાઈ સામંતભાઈ	877	પાવાગઢ	7096101680
19	પરમાર વિજયભાઈ જશવંતસિંહ	881	પાવાગઢ	6352291521
20	નાયક કરનભાઈ રમેશભાઈ	886	પાવાગઢ	8238814140
21	તડવી જૈમિનભાઈ રાજુભાઈ	887	પાવાગઢ	9265101207
22	રાઠવા રમેશભાઈ શેવજીભાઈ	889	પાવાગઢ	9727891572
23	રાઠવા વિપુલભાઈ ગોવિંદભાઈ	890	પાવાગઢ	7567289263
24	રાઠવા જગદિશભાઈ કાંતિભાઈ	891	પાવાગઢ	9512823116
25	બારિઆ સંજયભાઈ બડવંતભાઈ	895	પાવાગઢ	8980857380
26	બારિઆ જિવનભાઈ ચેહરભાઈ	896	પાવાગઢ	8238749698

27	બારિઆ જીતેન્દ્રભાઈ વસંતભાઈ	897	પાવાગઢ	8980857380
28	તડવી સંકેતભાઈ અનિલભાઈ	905	પાવાગઢ	9099225371
29	પટેલ બિહારસિંહ લક્ષ્મણસિંહ	908	પાવાગઢ	9537908695
30	બારિઆ જિઝ્નેશભાઈ શાંતિલાલ	911	પાવાગઢ	9979218865
31	રાઠવા પ્રિમજીભાઈ વાલજીભાઈ	918	પાવાગઢ	9712492115
32	પરમાર જશવંતસિંહ દિપસિંહ	920	પાવાગઢ	6353472420
33	ચોહાન વિક્રમભાઈ મોહનભાઈ	924	પાવાગઢ	9727475217
34	જાદવધમેન્દ્રસિંહઉદેસિંહ	930	ઘોઘંબા	6353414877
35	બામણીયાવિક્રમસિંહફતેસિંહ	932	ઘોઘંબા	8141181557
36	ચાવડાદિલીપસિંહબળવંતસિંહ	933	ઘોઘંબા	9586014971
37	ચાવડાજયેન્દ્રસિંહઉદેસિંહ	936	ઘોઘંબા	7862977130
38	બામણીયાકનુભાઈચીમનભાઈ	948	ઘોઘંબા	6353329523
39	ચૌહાણકલ્પેશકુમારવિક્રમસિંહ	956	ઘોઘંબા	8141203164
40	સોલંકીદીનેશકુમારભગવાનસિંહ	958	ઘોઘંબા	9537855510
41	ચૌહાણપ્રતાપસિંહઉદેસિંહ	959	ઘોઘંબા	6353133996
42	ચાવડારમેશકુમારસુરેશભાઈ	960	ઘોઘંબા	7990923249
43	ચૌહાણકંચનસિંહજીવતસિંહ	965	ઘોઘંબા	8238251106
44	પરમારમહેન્દ્રસિંહભલસિંહ	966	ઘોઘંબા	9727016735
45	જાદવમિતેશકુમારવિક્રમસિંહ	971	ઘોઘંબા	6351642895
46	બારીયાકિરણસિંહરણછોડસિંહ	973	ઘોઘંબા	8141940285
47	જાદવપ્રવિણસિંહગણપતસિંહ	980	ઘોઘંબા	9726634491
48	કોઠીયાપ્રદીપકુમારરાજેન્દ્રસિંહ	986	ઘોઘંબા	9712003053
49	ઠાકોરઅજયસિંહગુલાબસિંહ	987	ઘોઘંબા	9726089768
50	ચૌહાણમહેશભાઈસાલમભાઈ	991	ઘોઘંબા	9537129997
51	ચૌહાણભરતકુમારરામસિંહ	992	ઘોઘંબા	8980134455
52	પરમારધર્મેન્દ્રસિંહકેશરીસિંહ	994	ઘોઘંબા	9726208065
53	સોલંકીલાલાભાઈરામાભાઈ	996	ઘોઘંબા	8980998436
54	સોલંકીઇશ્વરસિંહરણજીતસિંહ	1007	ઘોઘંબા	9925982636
55	બારીઆઅરવિંદકુમારકાંતીલાલ	1009	ઘોઘંબા	9909320096
56	પરમારવિજયકુમારનટવરસિંહ	1012	ઘોઘંબા	8980942060
57	સોલંકીશિવરાજસિંહવખતસિંહ	1014	ઘોઘંબા	9978575353

58	ઠાકોરમહેશકુમારઅર્જુનસિંહ	1015	ઘોઘંબા	9909244515
59	દરજીજીએશકુમારદિલીપકુમાર	1024	ઘોઘંબા	9944037713
60	પરમારવિક્રમસિંહરૂપસિંહ	1026	ઘોઘંબા	9537002095
61	ચૌહાણપ્રવિણકુમારનટવરસિંહ	1027	ઘોઘંબા	9726782611
62	હરીજનમેહુલકુમારશાંતિલાલ	1029	ઘોઘંબા	6351889571
63	સોલંકીજીએશકુમારઘનશ્યામસિંહ	1038	ઘોઘંબા	9714597026
64	સોલંકીકનુભાઈમોહનભાઈ	1040	ઘોઘંબા	9624968674
65	સોલંકીસુરેન્દ્રકુમારછત્રસિંહ	1044	ઘોઘંબા	9586566412
66	રાઠવાઅનોપસિંહઅમરસિંહ	1051	ઘોઘંબા	9512083202
67	બારીઆફતેસિંહદિપસિંહ	1064	ઘોઘંબા	8320015107
68	બારીઆનિતેશભાઈટેંટાભાઈ	1066	ઘોઘંબા	8141503919
69	રાઠવાગોવિંદભાઈકમતીયાભાઈ	1069	ઘોઘંબા	9099405186
70	રાઠવામહેશભાઈચંન્દ્રાભાઈ	1071	ઘોઘંબા	9726683593
71	બારીઆનારાયણકુમારબળવંતભાઈ	1074	ઘોઘંબા	9512349754
72	બારીઆસંજયકુમારપ્રભાતસિંહ	1077	ઘોઘંબા	9664921835
73	પરમારરંગીતસિંહ ભલસિંહ	1711	ઘોઘંબા	9979684794
74	બારીઆરશીકભાઈ વેચાતભાઈ	835	વાજપુર	8153038674
75	બારીઆવિજયભાઈ બલુભાઈ	816	કાણજીપાણી	9510347517
76	બારીઆગમીરભાઈ વખતભાઈ	798	વાજપુર	9978158176
77	બારીઆશંકરભાઈ સૂખાભાઈ	861	કાણજીપાણી	8140109404
78	બારીઆહસમુખભાઈ વહેસીંગભાઈ	828	ઉચેટ	9023324369
79	બારીઆવિજયભાઈ શનાભાઈ	810	કાણજીપાણી	9712482461
80	બારીઆસુરેશભાઈ માંનસીંગભાઈ	830	વડેખ	9909121022
81	બારીઆમાનસીંગભાઈ ધૂળાભાઈ	839	નાથપુરી	9537237793
82	બારીઆકિરણસિંહ ખુમાનસિંહ	799	વાડીયા	6355334363
83	બારીઆકમલેશભાઈ વરશનભાઈ	804	કાણજીપાણી	8780520394
84	બારીઆશૈલેષભાઈ સોનિયાભાઈ	801	કાણજીપાણી	8141709195
85	બારીઆમુકેશભાઈ ચીમનભાઈ	833	વાડીયા	9202943259
86	બારીઆમહેશભાઈ જનાભાઈ	824	ભાનપુરી	8347521203
87	બારીઆમહેશભાઈ દેશાઈભાઈ	818	નાથપુરી	9726949569
88	બારીઆસુરેશભાઈ શંકરભાઈ	849	કાણજીપાણી	9316897847

89	બારીઆપ્રદીપભાઈ સાલમભાઈ	873	નાથપુરી	7265069036
90	બારીઆનરવતભાઈ લાલુભાઈ	819	નાથપુરી	9687957462
91	બારીઆજશવંતભાઈ પ્રતાપભાઈ	857	વાજપુર	7096256914
92	બારીઆસુભાસભાઈ વઢેસીંગભાઈ	832	વડેખ	7285868549
93	બારીઆઅર્જુનભાઈ જેસીંગભાઈ	803	હીરાપુર	6355212724
94	બારીઆદશરથભાઈ કંચનભાઈ	846	જોટવડ	9726755906
95	બારીઆઅરવિંદભાઈ યુનાભાઈ	825	પનીયારા	7990247587
96	રાઠવાજિતેન્દ્રભાઈ ચીમનભાઈ	827	કાટકોઈ	6353776014
97	બારીઆદિલીપભાઈ ગોવિંદભાઈ	817	પનીયારા	6351644472
98	પટેલીયા ચંદુભાઈ સાયબાભાઈ	602	રીંછવાણી	9586561978
99	પટેલીયા દશરથસિંહ ભગવાનસિંહ	588	રીંછવાણી	8849610335
100	પટેલીયા ધર્મેન્દ્રભાઈ પ્રતાપભાઈ	600	રીંછવાણી	8799086131
101	પટેલીયા જસવંતભાઈ પ્રતાપભાઈ	578	રીંછવાણી	9099302818
102	પટેલીયા સરદારસિંહ લક્ષ્મણભાઈ	599	રીંછવાણી	9638129783
103	પરમાર જયદિપસિંહ રણજીતસિંહ	610	રીંછવાણી	8338624233
104	પરમાર કમલેશસિંહ કિરવતસિંહ	615	રીંછવાણી	9313501269
105	પ્રકાશભાઈ ભગુભાઈ રાવલ	1091	ગોધરા	9979690286
106	હિતેશકુમાર લક્ષ્મણભાઈ મકવાણા	1234	ગોધરા	9106966106
107	કનુભાઈ હેમાભાઈ હજારીયા	1180	ગોધરા	6351634265
108	વિનોદકુમાર બીજલભાઈ પટેલ	1429	ગોધરા	6352030069
109	રાકેશભાઈ અમરસિંહ બારિયા	1354	ગોધરા	9586630567
110	નરેન્દ્રકુમાર બળવંતસિંહ તડવી	1474	ગોધરા	9638781648
111	ભારતભાઈ સોમાભાઈ પટેલ	1193	ગોધરા	8141230931
112	પર્વતભાઈ સીતાભાઈ રાઠવા	1177	ગોધરા	8141849852
113	રમેશભાઈ ધીરાભાઈ પટેલ	1182	ગોધરા	8238797828
114	અશોકભાઈ ભગુભાઈ રાવલ	1212	ગોધરા	9825814259
115	અશોકકુમાર પોપટભાઈ બારિયા	1173	ગોધરા	9913719360
116	શૈલેષભાઈ ભગુભાઈ રાવલ	1237	ગોધરા	9979690286
117	મંગલસિંહ રામસિંહ પટેલ	1199	ગોધરા	6351585207
118	રાજેન્દ્રકુમાર પોપટસિંહ બારિયા	1174	ગોધરા	9925988631
119	નીલેશકુમાર અરવિંદભાઈ પરમાર	1365	ગોધરા	9712676045

120	વિશાલભાઈ સ્વરૂપભાઈ પગી	1413	ગોધરા	8980095293
121	વિજયસિંહ મદનસિંહ સિસોદિયા	1134	ગોધરા	8160482580
122	અર્જુનસિંહ નટવરભાઈ સિસોદિયા	1145	ગોધરા	9924433584
123	નરેન્દ્રકુમાર બક્ષુભાઈ વણઝારા	1506	ગોધરા	9638244216
124	પ્રવીણકુમાર કાંતિભાઈ વણઝારા	1378	ગોધરા	9016078064
125	સંદીપકુમાર બક્ષુભાઈ વણઝારા	1404	ગોધરા	9726586736
126	રોહિતકુમાર પ્રતાપસિંહ વણઝારા	1504	ગોધરા	9724815774
127	રાજેન્દ્રસિંહ રૂપસિંહ બારિયા	1340	ગોધરા	7990622267
128	હાથીભાઈ રઘુભાઈ વણઝારા	1279	ગોધરા	9712122538
129	હસમુખકુમાર ચંદ્રસિંહ પટેલ	1330	ગોધરા	6352875518
130	નાગરસિંહ રણજીતસિંહ બારિયા	1324	ગોધરા	8141684393
131	ધર્મેશભાઈ હિંમતસિંહ વણઝારા	1409	ગોધરા	6352650587
132	વિનોદકુમાર હીરાભાઈ ભરવાડ	1398	ગોધરા	8141209359
133	હિતેશકુમાર રંગીતસિંહ પટેલ	1576	ગોધરા	9016567255
134	કૃષ્ણકુમાર અંબાલાલ પટેલ	1426	ગોધરા	6355725799
135	અલ્કેશકુમાર ભારતસિંહ ડામોર	1516	ગોધરા	9328562121
136	સંજયકુમાર પ્રવીણસિંહ પટેલ	1427	ગોધરા	7567492322
137	પ્રમોદભાઈ રાયસિંહ બારિયા	1448	ગોધરા	8980687451
138	પ્રકાશભાઈ ભારતભાઈ ડામોર	1513	ગોધરા	9099199357
139	ભલાભાઈ ભારતસિંહ ડામોર	1259	ગોધરા	8758680132
140	જસવંતસિંહ ગુલાબસિંહ પટેલ	1198	ગોધરા	9510563621
141	ખાતુભાઈ સોમાભાઈ નાયક	1201	ગોધરા	6351425584
142	પંકજકુમાર વાઘાભાઈ તલાર	1463	ગોધરા	9586353508
143	ગણપતભાઈ જીતુભાઈ રાઠવા	1094	ગોધરા	9712329012
144	મહેશભાઈ પુનાભાઈ રાઠવા	1190	ગોધરા	9638663843
145	ભુરાભાઈ ગોપાલભાઈ ચારણ	1315	ગોધરા	7567541802
146	સુનીલકુમાર નટવરસિંહ ચાવડા	1503	ગોધરા	8347008520
147	રમેશકુમાર દિનેશકુમાર પરમાર	1552	ગોધરા	9316969274
148	રણવીરસિંહ વિક્રમસિંહ સોલંકી	1553	ગોધરા	8980202112
149	મહેશકુમાર સુરેશભાઈ પરમાર	1581	ગોધરા	9313011430
150	ગોવિંદસિંહ અરવિંદસિંહ પરમાર	1555	ગોધરા	6354187022

151	વિરલકુમાર વિક્રમસિંહ ગોહિલ	1549	ગોધરા	6352673279
152	સુભાષભાઈ પ્રભાતભાઈ સોલંકી	1240	ગોધરા	9327183250
153	વિનોદકુમાર શાંતિલાલ પરમાર	1345	ગોધરા	7990552566
154	અતુલકુમાર દિનેશભાઈ પટેલીયા	1351	ગોધરા	9979060807
155	જયેશકુમાર રમેશભાઈ ચૌહાણ	1444	ગોધરા	7284843118
156	રવીન્દ્રકુમાર બાબુભાઈ માછી	1462	ગોધરા	9904827709
157	મુકેશકુમાર રવજીભાઈ માછી	1466	ગોધરા	8140133680
158	નરેન્દ્રકુમાર રવજીભાઈ બારિયા	1323	ગોધરા	9327642762
159	સુરેશભાઈ ડાહ્યાભાઈ વણકર	1144	ગોધરા	7880259649
160	ગોવિંદભાઈ પુનમભાઈ માછી	1302	ગોધરા	9714695265
161	વિજયભાઈ ચીમનભાઈ માછી	1300	ગોધરા	6353079085
162	નરવતભાઈ ડાહ્યાભાઈ માછી	1301	ગોધરા	8347801294
163	હર્ષદભાઈ મુળજીભાઈ રબારી	1235	ગોધરા	9924187344
164	મનહરસિંહ દસરતસિંહ ચૌહાણ	1420	ગોધરા	6355799460
165	યોગેશકુમાર જીતેન્દ્રભાઈ બામણીયા	1509	ગોધરા	7359331146
166	મુકેશભાઈ ભીમસિંહ ચૌહાણ	1488	ગોધરા	7201068409
167	વિજયકુમાર દશરથસિંહ ચાવડા	1228	ગોધરા	6355912702
168	સતીશભાઈ રામજીભાઈ રબારી	1224	ગોધરા	7359665652
169	મહેન્દ્રકુમાર શાંતિલાલ વરિયા	1395	ગોધરા	7567479785
170	આશિષકુમાર રમેશચંદ્ર પરમાર	1347	ગોધરા	9727481634
171	યતીનકુમાર મોતીભાઈ વણઝરા	1557	ગોધરા	9924790803
172	દેવેન્દ્રકુમાર રમેશભાઈ ચૌહાણ	1479	ગોધરા	9904318244
173	એઝાજીભાણ રેહમાનખાન પઠાણ	1236	ગોધરા	8141589210
174	મણિલાલ મથુરભાઈ પટેલ	1141	ગોધરા	9638527922
175	અરવિંદભાઈ મોહનભાઈ બારિયા	1186	ગોધરા	9979692365
176	તખતસિંહ જસવંતસિંહ બારિયા	1196	ગોધરા	8469241743
177	કનૈયાલાલ ચંદ્રસિંહ સોલંકી	1221	ગોધરા	7359821370
178	દીપકભાઈ શંકરભાઈ સોલંકી	1225	ગોધરા	6351384848
179	જીજ્ઞેશભાઈ રવજીભાઈ પરમાર	1169	ગોધરા	6352777754
180	વાલાભાઈ કાનાભાઈ ગઢવી	1305	ગોધરા	7016942319
181	જસવંતભાઈ સામંતભાઈ ખાંટ	1278	ગોધરા	9998688038



182	રોહિતકુમાર શનાભાઈ રાવલ	1285	ગોધરા	9998115277
183	રાજેશભાઈ ડાહ્યાભાઈ પરમાર	1357	ગોધરા	9712616531
184	રાજેશભાઈ પર્વતભાઈ રાઠવા	1183	ગોધરા	9712494691
185	સુરજીતસિંહ ઉદેસિંહ ચૌહાણ	1251	ગોધરા	9712877805
186	રમેશભાઈ ગણપતસિંહ વણઝારા	1366	ગોધરા	9712554320
187	હિંમતસિંહ પર્વતભાઈ પટેલ	1095	ગોધરા	9712049325
188	શંકરભાઈ વજેસિંહ રાઠવા	1096	ગોધરા	9712670933
189	રામસિંહ પ્રતાપસિંહ બારિયા	1181	ગોધરા	9726239610
190	શૈલેશકુમાર અભેસિંહ બારિયા	1415	ગોધરા	9099223285
191	વિક્રમસિંહ બળવંતસિંહ પટેલ	1437	ગોધરા	8758571199
192	હિતેશકુમાર ઉદેસિંહ ચૌહાણ	1440	ગોધરા	9712747013
193	સંજયકુમાર મગનભાઈ ચૌહાણ	1451	ગોધરા	8488930608
194	કિરણભાઈ પર્વતભાઈ બારિયા	1461	ગોધરા	9904315736
195	નરવતભાઈ ભાનુભાઈ બારિયા	1472	ગોધરા	9978859329
196	સંદીપકુમાર કનુભાઈ મકવાણા	1485	ગોધરા	7567491139
197	અનિલકુમાર લાલજીભાઈ મકવાણા	1499	ગોધરા	9510269225
198	મુકેશકુમાર સરદારભાઈ પટેલીયા	1512	ગોધરા	9979756450
199	હિતેશકુમાર કાન્તિલાલ વણઝારા	1525	ગોધરા	7016335162
200	શાહિદમિયા સિકંદરમિયા શૈખ	1540	ગોધરા	9173104279
201	હિંમતસિંહ ભાવસિંહ પટેલ	1179	ગોધરા	7874260436
202	સુરેશભાઈ સનતભાઈ ડામોર	1567	ગોધરા	8238345558
203	તુષારભાઈ મહેશભાઈ દેસાઈ	1568	ગોધરા	9724205420
204	ઇન્દ્રજીતસિંહ ઉદેસિંહ ચૌહાણ	1188	ગોધરા	8200199108
205	રમેશભાઈ માનાભાઈ બારિયા	1495	ગોધરા	9712187135
206	રાજેશકુમાર કાંતિલાલ જાદવ	1284	ગોધરા	9726479707
207	સંજયકુમાર આરાતસિંહ બારિયા	1334	ગોધરા	9016997956
208	ભુપતભાઈ જીતુભાઈ પટેલ	1089	ગોધરા	9537099932
209	અર્જુનસિંહ અમરસિંહ પરમાર	1115	ગોધરા	7359301771
210	વસીમખાન અબ્દુલ રજાક પઠાણ	1160	ગોધરા	9925502311
211	હરીશકુમાર કાળુભાઈ ચાવડા	1203	ગોધરા	7069614271
212	સોલંકી રયજીભાઈ શંકરભાઈ	4	વાટાવાછોડા	9726874635

213	પરમાર નટવરસિંહ ફતાભાઈ	8	નાકુડી	8758389472
214	પટેલીયા પર્વતભાઈ દાંનાભાઈ	9	વાટાવાછોડા	9879538235
215	પટેલીયા ગણપતભાઈ કોયાભાઈ	10	વાટાવાછોડા	9537995774
216	પટેલીયા પ્રેમાંભાઈ છગનભાઈ	13	વાટાવાછોડા	9712550519
217	પટેલ પ્રવિણસિંહ ભૂરાભાઈ	14	મીઠાલી	6353275647
218	પટેલ પર્વતભાઈ લખમણભાઈ	15	ભદ્રાલા	9313908851
219	પગી દશરથભાઈ ગોબરભાઈ	21	હંસેલાવ	9313205425
220	પગી રમેશભાઈ છગનભાઈ	22	નાકુડી	6353297271
221	પગી કમળસિંહ અખમસિંહ	23	સંભાલી	9099522378
222	પગી અમરસિંહ હાથીસિંહ	25	સંભાલી	9978434654
223	પગી લક્ષ્મણસિંહ ઉદેસિંહ	26	નાકુડી	9537223688
224	ડામોર નરવતસિંહ ભલાભાઈ	27	ભેસાલ	9664858798
225	ગરાસિંયા નટવરસિંહ ભવાનભાઈ	34	કવાલી	7575881906
226	પટેલીયા નટવરભાઈ મથુરભાઈ	35	કવાલી	9687130132
227	પટેલીયા વિક્રમભાઈ બલુભાઈ	38	વાટાવાછોડા	9727995969
228	પટેલિયા અર્જુનભાઈ ખાતુભાઈ	40	વાટાવાછોડા	8980416939
229	ચૌહાણ બાબુભાઈ કોયાભાઈ	41	ભદ્રાલા	8469733977
230	પગી રંગિતસિંહ ફૂલસિંહ	42	ભેસાલ	9586175179
231	પટેલ સુરેશકુમાર ભારતસિંહ	44	ભદ્રાલા	8238359554
232	બારીઆ ફતેસિંહ પ્રભાતસિંહ	47	નાકુડી	9638715909
233	પગી મહેશકુમાર સ્વરૂપભાઈ	48	નાકુડી	7572820852
234	બારીયા સુખાભાઈ મોતીભાઈ	50	પાદરડી	9687924045
235	પગી રમેશભાઈ અર્જુનભાઈ	51	લાભી	7285073460
236	પટેલિયા નરવતભાઈ રાંમાભાઈ	53	વાટાવાછોડા	9913672085
237	પગી રાજેશકુમાર રયજીભાઈ	57	ભદ્રાલા	9016570820
238	પરમાર ચંદુભાઈ નાનાભાઈ	58	ભદ્રાલા	8980703776
239	પટેલ કનુભાઈ લખમણભાઈ	61	ભદ્રાલા	9724138632
240	પરમાર વિક્રમભાઈ ભલાભાઈ	62	ભદ્રાલા	9879211050
241	પટેલિયા ગોપાલભાઈ ગલાભાઈ	63	વાટાવાછોડા	9512475705
242	પટેલિયા જસવંતભાઈ શંકરભાઈ	65	વાટાવાછોડા	9979403082
243	ભોથર નિલેશભાઈ બાબુભાઈ	66	વાટાવાછોડા	9687908624



244	પટેલીયા લાલાભાઈ ઝાલાભાઈ	67	વાટાવાછોડા	9909765435
245	પટેલિયા નરેન્દ્રકુમાર રયજીભાઈ	68	વાટાવાછોડા	9586597088
246	મકવાણા મગનભાઈ ઉદેસિંહ	72	વાટાવાછોડા	9825751475
247	પગી પૃથ્વીસિંહ દલપતસિંહ	74	ગોપી	8141626272
248	પગી વિનોદભાઈ બાબુભાઈ	75	ગોપી	7567437313
249	પગી મહેન્દ્રસિંહ કુલાભાઈ	76	ભેસાલ	9567333764
250	ચૌહાણ સુરેન્દ્રસિંહ સોમાભાઈ	78	સુરેલી	9099623868
251	પગી રાજેશભાઈ અમરસિંહ	80	પટિયા	9016702364
252	પગી ભારતભાઈ કનુભાઈ	81	પટિયા	9979138949
253	પટેલિયા રાજેશભાઈ ભારતભાઈ	82	વાટાવાછોડા	7572966289
254	પટેલ કિરીટકુમાર રણછોડભાઈ	83	ભેસાલ	7874370573
255	પટેલ ગણપતસિંહ રંગીતસિંહ	85	ભદ્રાલા	9687848515
256	ચાવડા ગોપાલસીંહ પ્રભાતસીંહ	87	અણીયાદ	8141521324
257	ચાવડા મહેશકુમાર અર્જુનભાઈ	89	અણીયાદ	7874115029
258	સોલંકી ભલસિંહ સોમસિંહ	90	અણીયાદ	7567496817
259	ચૌહાણ જશવંતસિંહ જુવાનસિંહ	91	નાકુડી	9586852192
260	બારીઆ મહેન્દ્રકુમાર અર્જુનસિંહ	92	નાકુડી	9638495545
261	ચૌહાણ અરવિંદકુમાર સોમસિંહ	93	નાકુડી	9687391175
262	બારીયા રીતેશકુમાર અર્જુનસિંહ	94	અણીયાદ	9909341006
263	ખાંટ સંજયકુમાર સર્જનભાઈ	97	નાકુડી	9913896336
264	ચૌહાણ હિંમતસિંહ પ્રભાતસિંહ	99	ભદ્રાલા	6354632462
265	પગી કનુભાઈ રયજીભાઈ	100	ભદ્રાલા	9328813527
266	પરમાર અરવિંદકુમાર પર્વતભાઈ	101	ભદ્રાલા	9924389600
267	પગી રૂપાભાઈ સાલમભાઈ	102	પટિયા	9687983072
268	બારીઆ નરેન્દ્રસિંહ ભારતસિંહ	104	ભેસાલ	9099593047
269	તલાર ઉદેસિંહ ગુલાબસિંહ	105	નાદરવા	8758319427
270	પગી સુભાષકુમાર છત્રસિંહ	106	ગોપી	9328598529
271	પગી દશરથસિંહ અનોપસિંહ	107	ગોપી	8141440713
272	પરમાર રાજેન્દ્રકુમાર મંગલસિંહ	108	ખંડિયા	9825477152
273	નાયક ભીખાભાઈ મોતીભાઈ	109	વાટાવાછોડા	9737573214
274	પટેલીયા વિક્રમભાઈ કાંનાભાઈ	110	વાટાવાછોડા	6355307139

275	ચારણ કાનાભાઈ ખોડાભાઈ	111	વાટાવાછોડા	6353880915
276	પગી દલપતસિંહ વજેસિંહ	112	મંગલયાના	8469270210
277	પગી અરવિંદભાઈ સોમાભાઈ	113	ગોપી	9712793437
278	પટેલીયા ગોપાલસિંહ ઝાલાભાઈ	114	વાટાવાછોડા	7069989618
279	ચૌહાણ જુવાનસિંહ છગનભાઈ	115	નાકુડી	9913820524
280	ખાંટ મહેન્દ્રસિંહ કાંતિભાઈ	116	નાકુડી	9099620897
281	દિલીપભાઈ ગજાભાઈ પરમાર	768	હાલોલ	8980593428
282	નવનીતભાઈ ગજાભાઈ પરમાર	767	હાલોલ	8320064468
283	મુકેશભાઈ મગનભાઈ પરમાર	769	હાલોલ	9099255548
284	રતનસિંહ પ્રતાપસિંહ પરમાર	772	હાલોલ	9265660263
285	જગતભાઈ બાબરસિંહ પરમાર	773	હાલોલ	9737872018

## **List of NGOs**

<b>No.</b>	<b>Name of NGO</b>	<b>address</b>	<b>Mobile no</b>
1	Shree Zhulelal Sindhi Trust, Godhra	Jhulelal Temple, Godhra	9824422334
2	Varundev Sindhi Samaj Dharamshala Trust	Baharpura Godhra	9824426984
3	Shri Shantiprakash Satsang Bhavan	Dali ni chalGodhra	9426003110
4	Shri Prem Prakash Ashram	Bhurawav Godhra	261017- 02672
5	Shri Krupalu Seva Samaj Trust	Bamaroli Road Godhra	241552 - 02672
6	Sadvichar Parivar Trust	PT Mirani Eye Hospital	265498- 02672, 242653 , 241429
7	Sri Annapurna Trust	Bamaroli Road Godhra	241522, 244849, 249935
8	Lion's Club	Godhra	9825151575
9	Rotary Club	Godhra	9825045599
10	Methodist Church	Near Arnold School, Godhra	9824434404
11	Shri GayatriParivar	Godhra	9904121503
12	Vishwakarma Temple	Godhra	9825030811
13	Sant Nirankari Charitable Foundation	Bhurawav, Godhra	9033650283
14	Methodist Church	Near Civil Hospital, Godhra	9428138035
15	Mukt Jeevan Disaster Management and Rescue Training Academy	Shahera	8780782775

## **List of Equipments Possessed by NDRF**

**Total Team in Gujarat:15 (Vadodara:12 Teams and Gandhinagar: 03Teams)**

### **LIST OF MAJOR EQUIPMENTS FOR DEAL WITH FLOOD**

<b>SL. NO.</b>	<b>NAME OF EQUIPMENT</b>	<b>QTY Available with unit in Gujarat</b>
1	IRB Boats	81
2	FRB Boats	3
3	OBM (25 HP)	85
4	OBM (40 HP)	3
5	Life buoy	980
6	Life Jackets	312
7	Deep Diving Sets	29
8	Fogging Machine	10
9	Hand Pump Complete Set	100
10	Plastic Sheet(Size:50*4mtr)	75
11	CGI tin sheet	1000
12	Blanket	NIL
13	Life Buoys	1000
14	Synthetic Life Jacket	1700
15	Family Ridge Single Fly Tent	1000

16	Family Ridge Double Fly Tent	100
17	Tent Extendable 4M	91
18	Sanjeevani body cover bag child	25
19	Sanjeevani body cover bag infant	25
20	Sanjeevani body cover bag adult	50
21	Synthetic Sleeping Mat	7500
22	Trolley Mounted Generator St (30KVA)	4
23	Dignity kit for women	NIL
24	Dignity kit for Men	NIL
25	Tent Big Size	NIL
26	Water Storage Tank (500Ltr)	41

In addition to above equipments, National disaster Response Reserve Stores are also available in the unit as per following details.

**Communication Equipments available with the unit are as follows:**

SL. NO.	NAME OF EQUIPMENT	QTY Available with unit in Gujarat
1	VHF Walkie Talkie	154
2	VHF Base Station	22
3	HF	22
4	V-Sat(QDA)	6
5	Sat Phone	4

## District Contact Details

અ.નં.	નામ	હોદ્દો	મોબાઈલ નંબર	ફોન નંબર ઓફીસ	ઇ-મેઈલ
1	શ્રી આશિષકુમાર (IAS)	કલેક્ટરશ્રી, પંચમહાલ ગોધરા	9978406217	242800	collectoer- pan@gujarat.gov.in
2	શ્રી ડી.કે.બારીઆ (IAS)	જિલ્લા વિકાસ અધિકારીશ્રી, પંચમહાલ ગોધરા	9978406242	253377- 51	ddo-pan@gujarat.gov.in
3	ડૉ.હિમાંશુ.સોલંકી	પોલીસ અધિક્ષકશ્રી, પંચમહાલ ગોધરા	9978405077	242200	sp-pan@gujarat.gov.in
4	ડૉ.મુરારી લાલ મીના	નાયબ વન સંરક્ષકશ્રી (નોર્મલ), કોર્મસ કોલેજ પાસે ગોધરા	9638806271	242210	gj162@ifs.nic.in
5	શ્રી એમ ડી ચુડાસમા	નિવાસી અધિક કલેક્ટર, પંચમહાલ ગોધરા	9978405189	242450	rdc-pan@gujarat.gov.in
6	શ્રી ડી. આર.પટેલ	પ્રાયોજના વહીવટદારશ્રી, પંચમહાલ ગોધરા	9723733642 9978405652	252545	taspgodhra@gmail.com
૭	શ્રી ડી.એમ.દેસાઈ	નિયામકશ્રી, જિલ્લા ગ્રામ વિકાસ એજન્સી, પંચમહાલ	9427619801 9726945849	253391/9 2	dr-pan@gujarat.gov.in
8	શ્રી ડી.એન.પટેલ	જિલ્લા આયોજન અધિકારીશ્રી, પંચમહાલ ગોધરા	8758855577	242429	dpo-pan@gujarat.gov.in
9	શ્રી પી.ડી.જેતાવત	નાયબ કલેક્ટરશ્રી, પ્રાંત ગોધરા	9978405217	242939	po-pan@gujarat.gov.in
10	શ્રી પ્રણવ વિજય વર્ગીય (IAS)	આસિસ્ટન્ટ કલેક્ટર નાયબ કલેક્ટરશ્રી, પ્રાંત શહેરા	7574953940/ 8882744458	226028	shahera.sdm@gmail.com

11	શ્રી પ્રણવ વિઠાણી	નાયબ કલેક્ટરશ્રી, પ્રાંત હાલોલ	7567010884	220277	<a href="mailto:go-hal-pan@gujarat.gov.in">go-hal-pan@gujarat.gov.in</a>
12	શ્રી પૂર્વેશ ડામોર	નાયબ જિલ્લા ચૂંટણી અધિકારીશ્રી, પંચમહાલ ગોધરા	9978405287	242491	<a href="mailto:eo-pan@gujarat.gov.in">eo-pan@gujarat.gov.in</a>
13	શ્રી એચ.ટી.મકવાણા સાહેબ	જિલ્લા પુરવઠા અધિકારીશ્રી, પંચમહાલ ગોધરા	9409142404	242936	<a href="mailto:dso-pan@gujarat.gov.in">dso-pan@gujarat.gov.in</a>
14	શ્રી એચ.ટી.મકવાણા સાહેબ	નાયબ કલેક્ટરશ્રી, મધ્યાહન ભોજન યોજના, પંચમહાલ ગોધરા	9409142404	242490	<a href="mailto:midday-pan@gujarat.gov.in">midday-pan@gujarat.gov.in</a>
15	શ્રી.ફાલ્ગુન.પંચાલ	ના. કલે.શ્રી, સ્ટેમ્પ ડ્યુટી મૂલ્યાંકન, પંચમહાલ ગોધરા	7874371239	252898	<a href="mailto:stampd-pan@gujarat.gov.in">stampd-pan@gujarat.gov.in</a>
16	શ્રી નિહાર બી ભેટરિયા	નાયબ કલેક્ટરશ્રી, પુનઃ વસવાટ – કડાણા અને અન્ય ડેમ	9879513386	242437	_
17	શ્રી અરવિંદ ભાટીયા	અધિક ખાસ જમીન સંપાદન અધિશ્રી, પંચમહાલ ગોધરા	9427800764	240961	_
18	શ્રી જે.આર.રાઠવા	નાયબ જિલ્લા વિકાસ અધિકારીશ્રી (વિકાસ)	9879671354	253360/ 61	
19	શ્રી કે.એ.વસાવા	નાયબ જિલ્લા વિકાસ અધિકારીશ્રી(મહેસુલ)	9408551029	253352	
20	શ્રી પી.આર.ચૌધરી	કાર્યપાલક ઈજનેરશ્રી, મા×મ ( સ્ટેટ )	9725664489	243421	<a href="mailto:rnb-pan@gujarat.gov.in">rnb-pan@gujarat.gov.in</a>
21	શ્રી ટી.બી.રાઠવા	કાર્યપાલક ઈજનેરશ્રી, મા×મ (પંચાયત)	8141883887	253381/8 2/83	<a href="mailto:panchmahal-pan-exe@yahoo.com">panchmahal-pan-exe@yahoo.com</a>
22	શ્રી એચ.આર.શાહ	અધિક્ષક ઈજનેરશ્રી, ગોધરા (MGVCL)	9925208142	262205	<a href="mailto:godhraom@gebmil.com">godhraom@gebmil.com</a>
23	શ્રી ગાંધી	કાર્યપાલક ઈજનેરશ્રી (સં.નિ.)MGVCL લીલેસરા,પંચમહાલ ગોધરા	9925208143	242557- 242686	<a href="mailto:b.mavi@mgvcl.com">b.mavi@mgvcl.com</a>

24	શ્રી ડી.કે.પ્રધાન	કાર્યપાલક ઈજનેરશ્રી, (MGVCL) હાલોલ	9925208615	02676 224062	-
25	શ્રીમતિ મીતાબેન મેવાડા	કાર્યપાલક ઈજનેરશ્રી(બાંધકામ) પા.પુ., ગ.વ્ય.બોર્ડ. ધાનકાવાડ, પંચમહાલ ગોધરા	9978406633	02672- 241941	<a href="mailto:eegodhra@gmail.com">eegodhra@gmail.com</a>
26	શ્રી વી.આર.તલાર	કાર્યપાલક ઈજનેરશ્રી, પાનમ સિંચાઈ વિભાગ, પંચમહાલ ગોધરા	૯૫૩૭૨૩૩૩૪ ૬	241963 241968	<a href="mailto:ndsolanki.ee@gmail.com">ndsolanki.ee@gmail.com</a>
28	શ્રી સંકેત પટેલ	કાર્યપાલક ઈજનેરશ્રી(યાંત્રીક) પા.પુ., ગ.વ્ય.બોર્ડ.પંચમહાલ ગોધરા	9925030908 9825715561		-
29	શ્રી રાહુલ રાઠોડ	કાર્યપાલક ઈજનેરશ્રી, પાનમ યોજના વિભાગ	6355255199	241812 274763	-
30	શ્રી આર.જી.નાગોડા	કાર્યપાલક ઈજનેરશ્રી, નાની સંચાઈ, પંચમહાલ ગોધરા	9106653795	253388	<a href="mailto:exeirri-ddogms@yahoo.com">exeirri- ddogms@yahoo.com</a>
31	શ્રી જે.કે.શાહ	ના. કા. ઈ.શ્રી, જળસંપત્તિ પેટા વિભાગ, પંચમહાલ ગોધરા	9427305641	244416	<a href="mailto:gwrdegodhra@yahoo.com">gwrdegodhra@yahoo.co m</a>
32	આઈ ડી સેવકાણી	ના. કા.ઈ. કાલોલ નર્મદા કેનાલ, મુ બોરૂ, કાલોલ	9909921367	02676- 237880	-
34	શ્રી માર્ગી રીટા	ભૌતિક શાસ્ત્રી, ભૂગર્ભ જળ પેટા વિભાગ-૪/૧, પંચમહાલ		240856	-
35	ગાયત્રી બેન પટેલ	જિલ્લા પ્રાથમિક શિક્ષણાધિકારીશ્રી પંચમહાલ ગોધરા ઈ.ચા જિલ્લા પ્રોજેક્ટ સર્વશિક્ષા અભિયાન	9909971689	253376	
36	ઈ.ચા.ગાયત્રી બેન પટેલ	જિલ્લા શિક્ષણાધિકારીશ્રી, પંચમહાલ ગોધરા	9909971689	242240	<a href="mailto:panchmahaldeo@gmail.com">panchmahaldeo@gmail.c om</a>
40	શ્રીમતિ મયુરબાળા ગોહિલ	જિલ્લા રમત ગમત અધિકારીશ્રી, પંચમહાલ ગોધરા	8155862254	241481	-



41	શ્રી ગૌરાંગ વી ગરાસિયા	જિલ્લા રજીસ્ટ્રારશ્રી, સહકારી મંડળીઓ, પંચમહાલ, ગોધરા	9429970171	242245	<a href="mailto:dr-pan@gujarat.gov.in">dr-pan@gujarat.gov.in</a>
42	શ્રી એસ.જે ઠાકોર	નાયબ ઉદ્યોગ કમિશનર અને જનરલ મેનેજરશ્રી, જિલ્લા ઉદ્યોગ કેન્દ્ર, પંચમહાલ, ગોધરા	7567020896	247216/ 240871	<a href="mailto:gm-dic-pan@gujarat.gov.in">gm-dic-pan@gujarat.gov.in</a>
43	ડૉ. મોનાબેન પંડ્યા	સિવિલ સર્જનશ્રી, પંચમહાલ ગોધરા	8980045312	251989 242559	<a href="mailto:cdmo.godhra@gmail.com">cdmo.godhra@gmail.com</a>
44	શ્રી ચૌધરી સાહેબ	મુખ્ય જિલ્લા આરોગ્ય અધિકારીશ્રી(CDHO) જિ.પં, પંચમહાલ ગોધરા	7567893600	253367	<a href="mailto:dpc-panchmahal@yahoo.com">dpc-panchmahal@yahoo.com</a>
51	શ્રી પ્રદીપસિંહ	જિલ્લા આંકડા અધિકારીશ્રી, પંચમહાલ ગોધરા	9067355655/ 9376337373	253354	<a href="mailto:dso-ddopan@gujarat.gov.in">dso-ddopan@gujarat.gov.in</a>
52	ઇયા.O.S P.R.Damor	જિલ્લા સમાજ કલ્યાણ નિરીક્ષકશ્રી, પંચમહાલ ગોધરા	9898265218	241497	_
53	શ્રી મતી રમીલાબેન	ઇ.યા.જિલ્લા પ્રોગ્રામ અધિકારીશ્રી, આઈ.સી.ડી.એસ, પંચમહાલ ગોધરા	9428446244	253372	<a href="mailto:po.icds.panchmahas@gmail.com">po.icds.panchmahas@gmail.com</a>
54	શ્રી એન એ પટેલ	નાયબ નિયામકશ્રી, પશુપાલન, પંચમહાલ ગોધરા	9426362862	253389	<a href="mailto:drdvchaubal@yahoo.co.in">drdvchaubal@yahoo.co.in</a>
55	પારૂલ મણિયાર	નાયબ માહિતિ નિયામકશ્રી, પંચમહાલ ગોધરા	7575857845	249111	
56	શ્રી બી.આર.ડિંડોર	વિભાગીય નિયામકશ્રી, (ST) પંચમહાલ ગોધરા	6359919032/ 9998972002	260946	<a href="mailto:dcgodhara@gmail.com">dcgodhara@gmail.com</a>
57	શ્રી એસ.બી.કાયા ઈન.યા.	પ્રાદેશિક વાહન વ્યવહાર અધિકારીશ્રી, પંચમહાલ ગોધરા(RTO)	9054074094	242724-	<a href="mailto:rto-trans-gdr@gujarat.gov.in">rto-trans-gdr@gujarat.gov.in</a>
58	શ્રી સુમિત શાહ	જિલ્લા તિજોરી અધિકારીશ્રી, પંચમહાલ ગોધરા	9904111584	242306 / 242522	<a href="mailto:treasury-pan@gujarat.gov.in">treasury-pan@gujarat.gov.in</a>
59	શ્રી રાજ ગર્ગ ઈન.યા.	જિલ્લા સહાયક નિરીક્ષકશ્રી, સ્થાનિક ભંડોળ હિસાબ, પંચમહાલ,	9898575971	242360	

		ગોધરા			<a href="mailto:asst-exampan@gujarat.gov.in">asst-exampan@gujarat.gov.in</a>
60	ઇયા.વર્મા OS	નાયબ નિયામક (અનુસુચિતજાતિ કલ્યાણ) અધિકારીશ્રી, પંચમહાલ ગોધરા	9737903484	253379	<a href="mailto:GAD37506@gujarat.gov.in">GAD37506@gujarat.gov.in</a>
61	શ્રી એન.સી.પટેલ	નાયબ નિયામકશ્રી (વિ.જા.), પંચમહાલ ગોધરા	9978581591	240533	<a href="mailto:swo-pan@gujarat.gov.in">swo-pan@gujarat.gov.in</a>
62	શ્રી જે.એચ.લખારા ઈયા	બાળ લગ્ન પ્રતિબંધક સહ જિલ્લા સમાજ સુરક્ષા અધિકારીશ્રી, પંચમહાલ, ગોધરા	9428029250 9316078143	241487	<a href="mailto:dsdo-pan@gujarat.gov.in">dsdo-pan@gujarat.gov.in</a>
63	શ્રી ચિરાગભાઈ ઇયા	બાળ સુરક્ષા અધિ.શ્રી, પંચમહાલ, ગોધરા	8511702809 9427231067		<a href="mailto:dcpu-gscps-pan@gujarat.gov.in">dcpu-gscps-pan@gujarat.gov.in</a>
64	શ્રીમતિ માધવીબેન ચૌહાણ	મહિલા અને બાળ અધિ.શ્રી, પંચમહાલ, ગોધરા	9428440704		–
67	શ્રીમતિ વિણાબેન કે ડામોર	જિલ્લા રોજગાર અધિકારીશ્રી, પંચમહાલ ગોધરા	8160097748	241405	<a href="mailto:dee-pan@gujarat.gov.in">dee-pan@gujarat.gov.in</a>
68	શ્રી રમેશભાઈ માંતરિયા	નોંધણી નિરિક્ષકશ્રી, પંચમહાલ ગોધરા	8160483252	241834	–
69	શ્રી એમ.જે.સોની	મદદનીશ શ્રમ આયુક્તશ્રી, પંચમહાલ ગોધરા	9879244404	240003	–
70	શ્રીમતિ નિહારિકા	પ્રાદેશીક અધિકારીશ્રી, ગુ. પો. કં. બોર્ડ, પંચમહાલ ગોધરા	9979898407	245869	<a href="mailto:gbc-b-pan@gujarat.gov.in">gbc-b-pan@gujarat.gov.in</a>
73	શ્રી તેજસ પંડ્યા	સરકારી શ્રમ અધિકારીશ્રી, પંચમહાલ ગોધરા	9978927267	241802	–
74	શ્રી એન.આઇ.પટેલ	નાયબ બાગાયત નિયામકશ્રી, પંચમહાલ ગોધરા	9824493709 9099016469	240039	<a href="mailto:dudir-bagpan@gujarat.gov.in">dudir-bagpan@gujarat.gov.in</a>
75	કુ.માધવી મેઘાતર	મત્સ્યોદ્યોગ અધિક્ષકશ્રી, પંચમહાલ ગોધરા	9913324700	265705	<a href="mailto:fisheriesgodhra@gmail.com">fisheriesgodhra@gmail.com</a>

76	શ્રી મુકેશભાઈ પટેલ	જિલ્લા ખેતીવાડી અધિકારીશ્રી, પંચમહાલ ગોધરા	9106101267	253371	-
77	શ્રી ડી.કે.સોનારા	ના.ખેતી નિયામકશ્રી, વિસ્તરણ	9725198602		-
78	શ્રી નિરજ ગામીત	ભુસ્તરશાસ્ત્રી, ખાણ અને ખનીજ,ગોધરા	9898465245	241897	<a href="mailto:gnm-an@gujarat.gov.in">gnm-an@gujarat.gov.in</a>
79	શ્રી બી.એચ.ચૌધરી	મદદનીશ કમિશ્નરશ્રી, ખોરાક અને ઔષધ,પંચ. ગોધરા	9825363735	241964	<a href="mailto:fnd-pan@gsvan.com">fnd-pan@gsvan.com</a>
81	શ્રી ડી.બી.ગામીત	નાયબ નિયામકશ્રી, ઈન્ડ. સેફ્ટી એન્ડ હેલ્થ,પંચમહાલ ગોધરા	9915589839 9978262544	241870	-
82	શ્રી એસ.આર.પટેલ	સર્ટીફાઇંગ સર્જનશ્રી, ઈન્ડ. સેફ્ટી એન્ડ હેલ્થ,પંચમહાલ ગોધરા	9427736069		-
84	શ્રી મિનલ જાની	નાયબ વન સંરક્ષકશ્રી, સામાજિક વનીકરણ વિભાગ, ધનોલ, ગોધરા	8469003011	261850-51	-
85	શ્રી દિપક દેશપાંડે	રેલ્વે સ્ટેશન માસ્ટર , ગોધરા	9724098430		
87	શ્રી જુબેર અમિન	નગર નિયોજક, ગોધરા	8905178779	249048	-
93		કમાન્ડન્ટશ્રી, એસ.આર.પી. ગૃપ-પ,પંચ. ગોધરા	9978405328	262859	-
96	શ્રી સી.એફ.પાટિલ	BSNL ટેલીકોમ જનરલ મેનેજર	9427611222		-
97	શ્રી એસ.એસ.ચૌધરી	મદદનીશ નિયંત્રકશ્રી, કાનુની માપ વિજ્ઞાન, પંચમહાલ ગોધરા	9925751727	240464	-
104	શ્રી શક્તિસિંહ ઠાકોર	જનરલ મેનેજરશ્રી, જિલ્લા ઉદ્યોગ કેન્દ્ર, પંચમહાલ, ગોધરા	7567528160		
105	ડૉ.ગિરવ એસ બારીઆ	જિલ્લા રક્ત પિત્ત અધિકારીશ્રી, પંચમહાલ ગોધરા	9825404994/ 7016587717		

106	શ્રી.પી.ડી.ભરપોડા	મદદનીશ કમિશ્નરશ્રી આદિજાતી વિકાસ (તકેદારી) પંચમહાલ ગોધરા	9426375768		
107	શ્રી આર.એમ.પટેલ	યુનિટ મેનેજરશ્રી, વાસ્મો, પંચમહાલ, ૪, રાયણવાડી સોસા. ગોધરા	9978441391		<a href="mailto:panchmahal.dwsc@gmail.com">panchmahal.dwsc@gmail.com</a>
108	શ્રી પી.વી.ચંદાના	સ્પે.ઓડીટરશ્રી મિલ્ક ઓડીટ ઓફિસ, ગોધરા	6351531608/ 8758827566		
109	શ્રી માલિવાડ	સીટી સર્વે સુપ્રિ.શ્રી પંચમહાલ ગોધરા	7572995300		
110	શ્રી સત્યેન્દ્ર રાવ	લીડ બેંક મેનેજરશ્રી, ભદ્રકાલીન્દ્રીભભ જૈન સોસાયટી, બેંક ઓફ બરોડા ગોધરા	8780871258		
111	જતિન પટેલ	નાયબ ખેતી નિયામકશ્રી, વિસ્તરણ બહુમાળી ગોધરા	9586443926		
112	ડી.જે.વરમોરા	આઇ.ટી.આઇ ગોધરા	7043180181		
113		ગુજરાત મકાન અને અન્ય બાંધકામ શ્રમયોગી કલ્યાણ બોર્ડ પંચમહાલ	9909518621		
114	પારઘી	જિલ્લા યુવા વિકાસ અધિકારી	6353935657	02672 241481	
115	શ્રી.પાનવાલા	ડી.આઇ.એલ.આર.શ્રી, પંચમહાલ ગોધરા	8160483252		
116	શ્રી આઇ.એ.શેખ	જન સંપર્ક અધિકારી પંચમહાલ ગોધરા	9904121512		
117	શ્રી જી.પી.પ્રણામી	અધિક ચીટનીશ શ્રી પંચમહાલ ગોધરા	9727455154		
118	શ્રી એમ.બી.પાટિલ	ચીટનીશ શ્રી પંચમહાલ ગોધરા	9979356052		
119	હેતલબેન (ઇંચા)	એક્સ્ટ્રા ચીટનીશ શ્રી પંચમહાલ ગોધરા	8780257954		

## Mamlatdar&ExecutiveMagistrates

sr	Officer Name	Designation	Mobile	(O)	
1	Shri.H.V.Bhoi	Mamlatdar(city)	9904162673	02672 242942	<a href="mailto:mam-godhara@gujarat.gov.in">mam-godhara@gujarat.gov.in</a>
2	Shri B.M.Joshi	Mamlatdar(rural)	9638612224	02672 242942	<a href="mailto:mam-rev-gdrct@gujarat.gov.in">mam-rev-gdrct@gujarat.gov.in</a>
3	Shri Y J Puvar	Mamlatdar Kalol	9824982412	02676 235339	<a href="mailto:mam-kalol@gujarat.gov.in">mam-kalol@gujarat.gov.in</a>
4	Shri P B Gohil	Mamlatdar Halol	7574953956	02676 221066	<a href="mailto:mam-halol@gujarat.gov.in">mam-halol@gujarat.gov.in</a>
5	Shri R.K.Patel	Mamlatdar Ghoghamba	7567004986	02678244617	<a href="mailto:mam-ghoghamba@gujarat.gov.in">mam-ghoghamba@gujarat.gov.in</a>
6	Shri Y C Solanki	Mamlatdar Jambhghoda	7567004822	02676 241231	<a href="mailto:mam-jambughoda@gujarat.gov.in">mam-jambughoda@gujarat.gov.in</a>
7	Shri D P Patel	Mamlatdar Shahera	7069068500	02670 226228	<a href="mailto:mam-shahera@gujarat.gov.in">mam-shahera@gujarat.gov.in</a>
8	Shri G k Hardasani	Mamlatdar Morva(h)	9427056297	02672 284250	<a href="mailto:mam-morva@gujarat.gov.in">mam-morva@gujarat.gov.in</a>

## Taluka Development Officer

VPG\	GFD	ઢેલે	DMAF., G\AZ	OMG G\AZ VMOL;	.vD[., V[0=[;
1	Shri.D.K.Garasiya	TDO Godhra	7567014618	02672 241582 240170	<a href="mailto:tdo-godhra@gujarat.gov.in">tdo-godhra@gujarat.gov.in</a>
2	Shri S J Chauhan	TDO Kalol	7574892341	02676 235913	<a href="mailto:tdo-kalol@gujarat.gov.in">tdo-kalol@gujarat.gov.in</a>
3	Shri M D Rabari	TDO Halol	9157040101	02676 221160	<a href="mailto:tdo-halol@gujarat.gov.in">tdo-halol@gujarat.gov.in</a>
4	Shri S.M.Kolcha	TDO Ghoghamba	9909633409	02678 244748	<a href="mailto:tdo-ghoghamba@gujarat.gov.in">tdo-ghoghamba@gujarat.gov.in</a>
5	Shri.D G Limbasiya	TDO Jambughoda	9265572408	02676 241232	<a href="mailto:tdo-jambughoda@gujarat.gov.in">tdo-jambughoda@gujarat.gov.in</a>
6	Shri Parth K Patel	TDO Shahera	7016534198	02670 226224	<a href="mailto:tdo-shahera@gujarat.gov.in">tdo-shahera@gujarat.gov.in</a>
7	Shri.Umed D Solanki	TDO Morva(h)	9586868403	02672 284390	<a href="mailto:tdo-morva@gujarat.gov.in">tdo-morva@gujarat.gov.in</a>

## Chief Officer Nagarpalika

1	Shri R H Patel	Chief Officer Godhra	7041205909	243184	<a href="mailto:np_godhra@yahoo.ci.in">np_godhra@yahoo.ci.in</a>
2	Shri Milap Patel	Chief Officer Kalol	9265309041	235605	<a href="mailto:np_kalol@yahoo.co.in">np_kalol@yahoo.co.in</a>
3	Smt.Hiral Thakar	Chief Officer Halol	8401155077	221972- 226068	<a href="mailto:np_halol@yahoo.co.in">np_halol@yahoo.co.in</a>
4	Smt.Tejalben	Chief Officer Shahera	7623927883	226856	<a href="mailto:npsantrampur@yahoo.co.in">npsantrampur@yahoo.co.in</a>

## Contact Details of State & Govt.of India

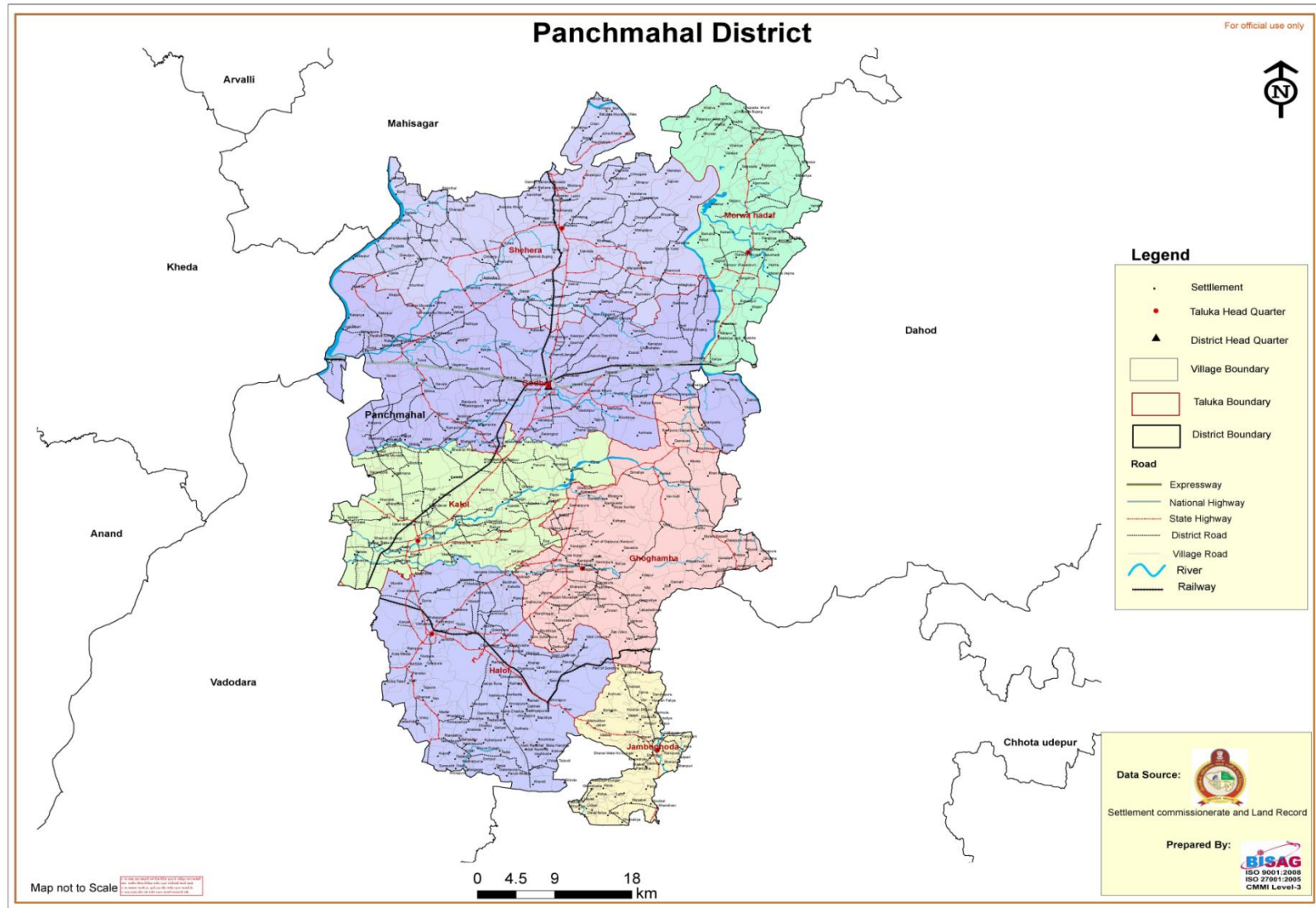
No	Department	Phone	FAX
1	Ministry of Home Affairs, NewDelhi	011 23092923 011 23093054 011 23092885 011 23093897	011-23092763 011-23093750
2	State Emergency Operation Center(SEOC), Gandhinagar	23251914 23251900 23221902	23251916
3	PS,RD-COR &Secy (SEOC)	23251926	23251912 23251916
4	Irrigation Deptt. Gandhinagar	23220954 23248735 23248736	23240553
5	R&B Deptt. Ahemdabad	26305296 26303490	-
6	Health Commissioner,Gandhinagar	23253343 23250818	23253343 23250818
7	Home Deptt.G'nagar (StateControl)	23252957 23252958	23252075
8	DGP,Police Bhavan,G'nagar (StateControl) SCR-23254343,23249257	23246328 23246330/31	23146329
9	PoliceCommissioner,Ahemdabad	25633636	25630600
10	Gujarat Maritime Board,G'nagar	23238346-48	23234704
11	GEB	0265-2330017	2337918 2338164
12	IMD (Seismo),NewDelhi	011-24611842	011-24611792
13	IMD (MET),Ahmedabad	22865012	22865449
14	GSRTC, Ahmedabad (CentralOffice)	25454102	25453280



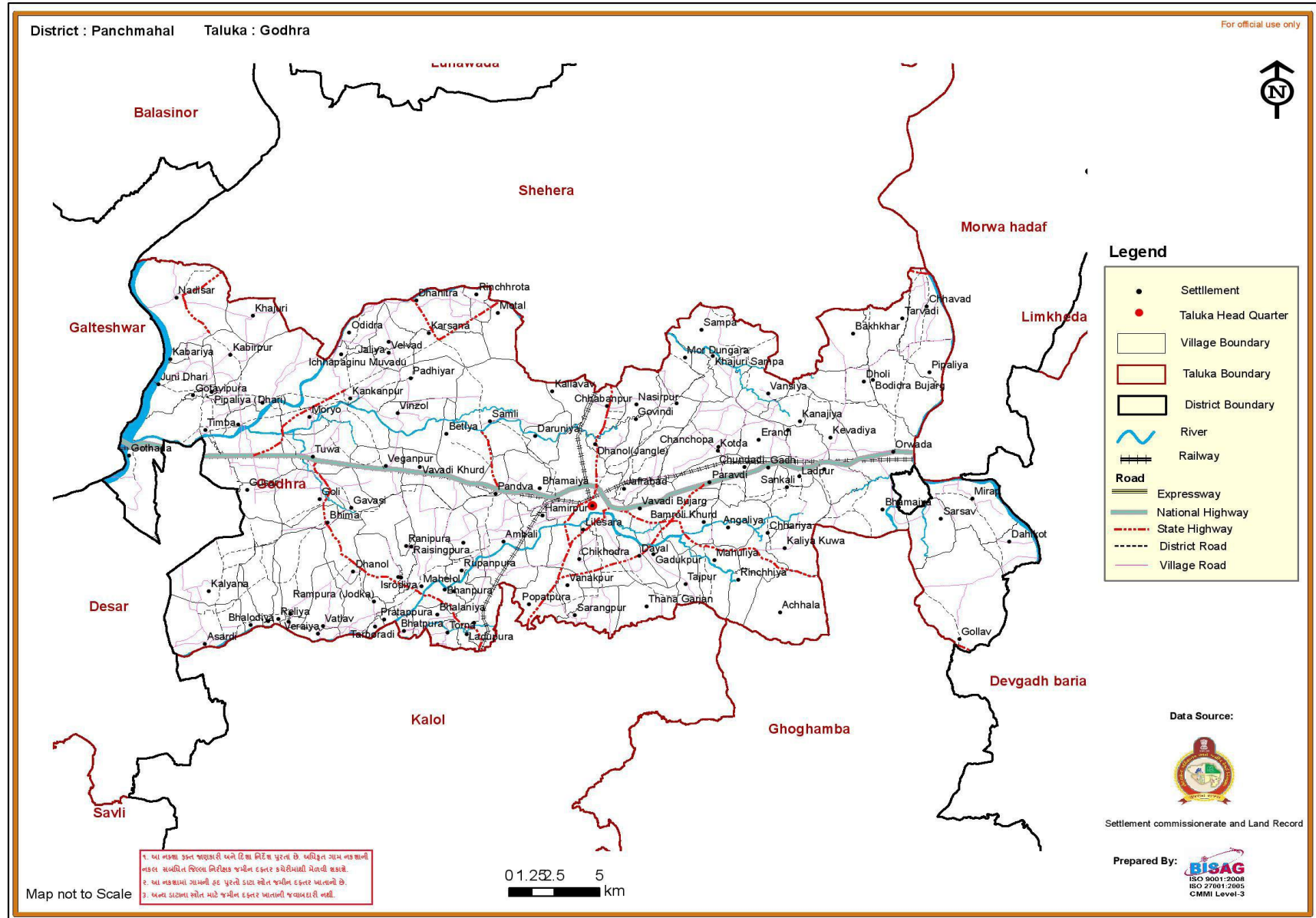
Army, Airforce, Coast Guard			
No.	City	Name	(O)
1	Ahmadabad	Army Exchange	22856251
2	Ahmedabad	Lt.Col.Chetan	(O)22852444(R)22852682 (F)22856251
3	Ahmedabad	Col.Vinay Bahal	(O)22852403(R)22852433 (F)22861902
4	Ahmedabad	Air Traffic Control	22869251
5	Gandhinagar	Air Force Exchange	23242600
6	Delhi	Air Force	011-23010231,25687194-97
7	Gandhinagar	Coast Guard	(O)079-23243264,23243283 (Operation Center)23243147(F)079- 23241717
	P.V.Gopal, Comdt Dy.		(O)079-23243241(M) 9377858901
8	Mumbai	Coast Guard	(O)022-24372472,24333727(F)022- 24333727, 24372920
9	Wing Commander, Air-II for Air Commander- in-Chief, Sector-9, Gandhinagar	-	23242600/5241(F)23240076/

## District Contact Details

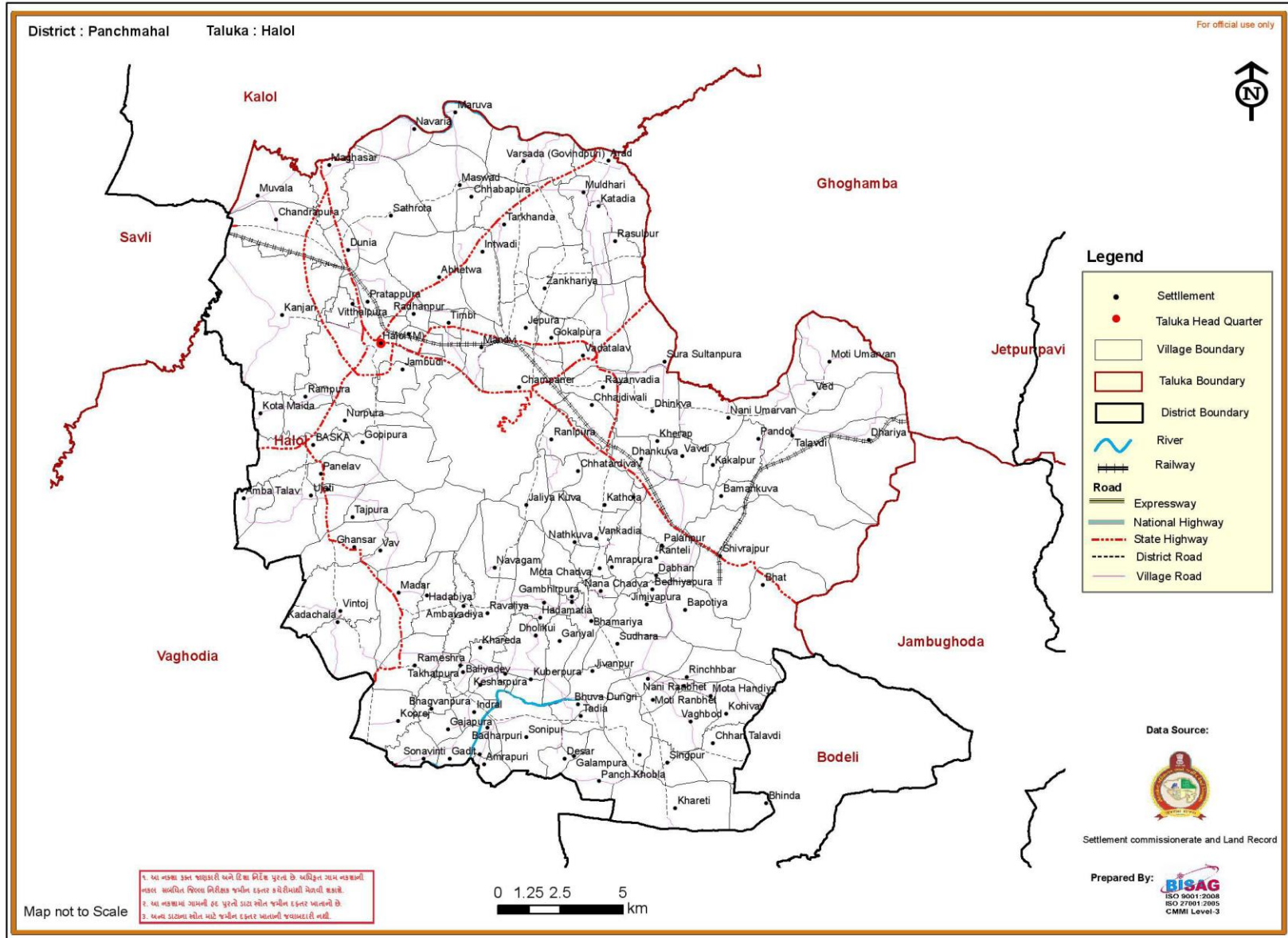
Panchmahal District Map



# Godhra Taluka Map

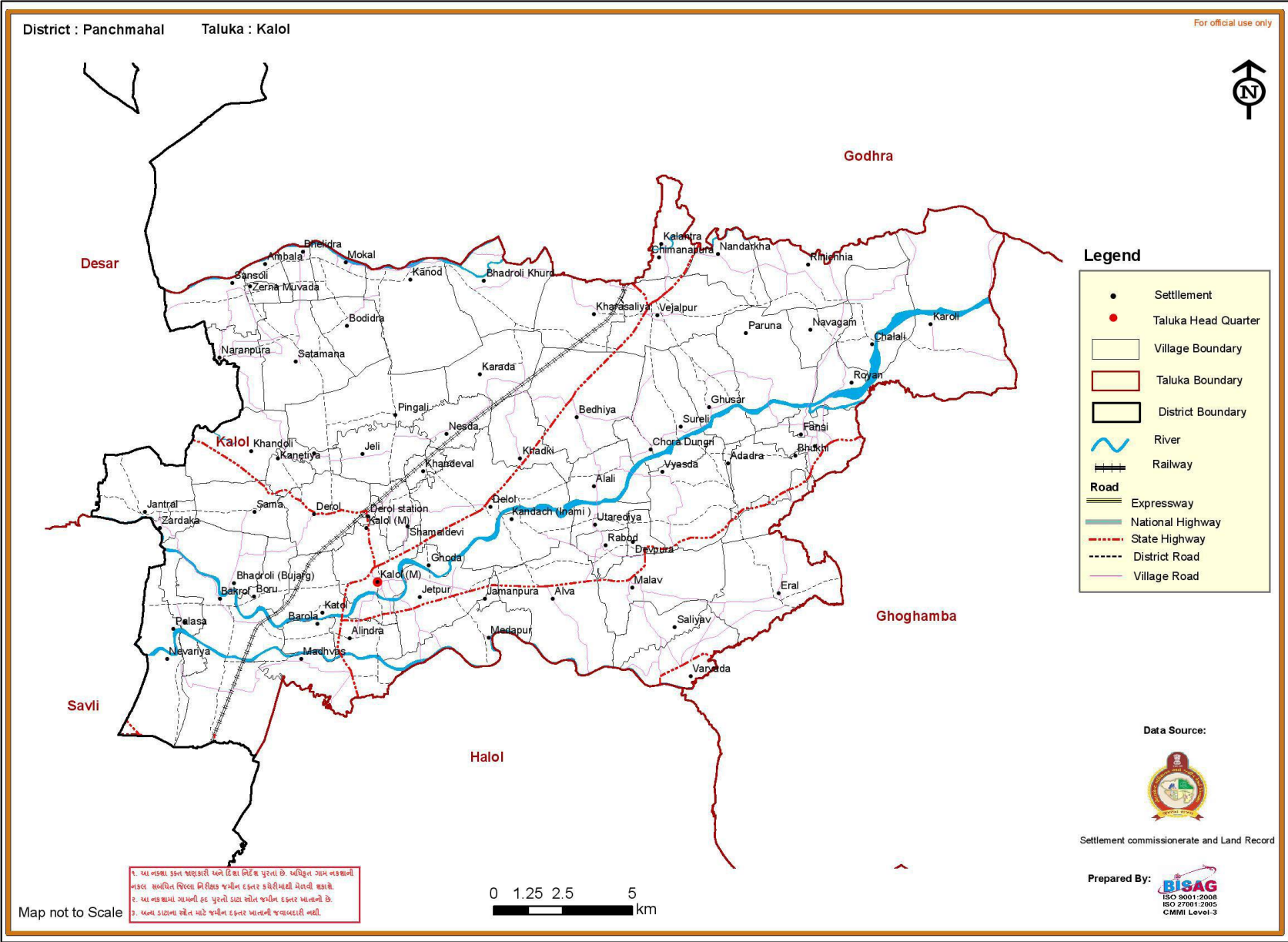


# Halol Taluka Map

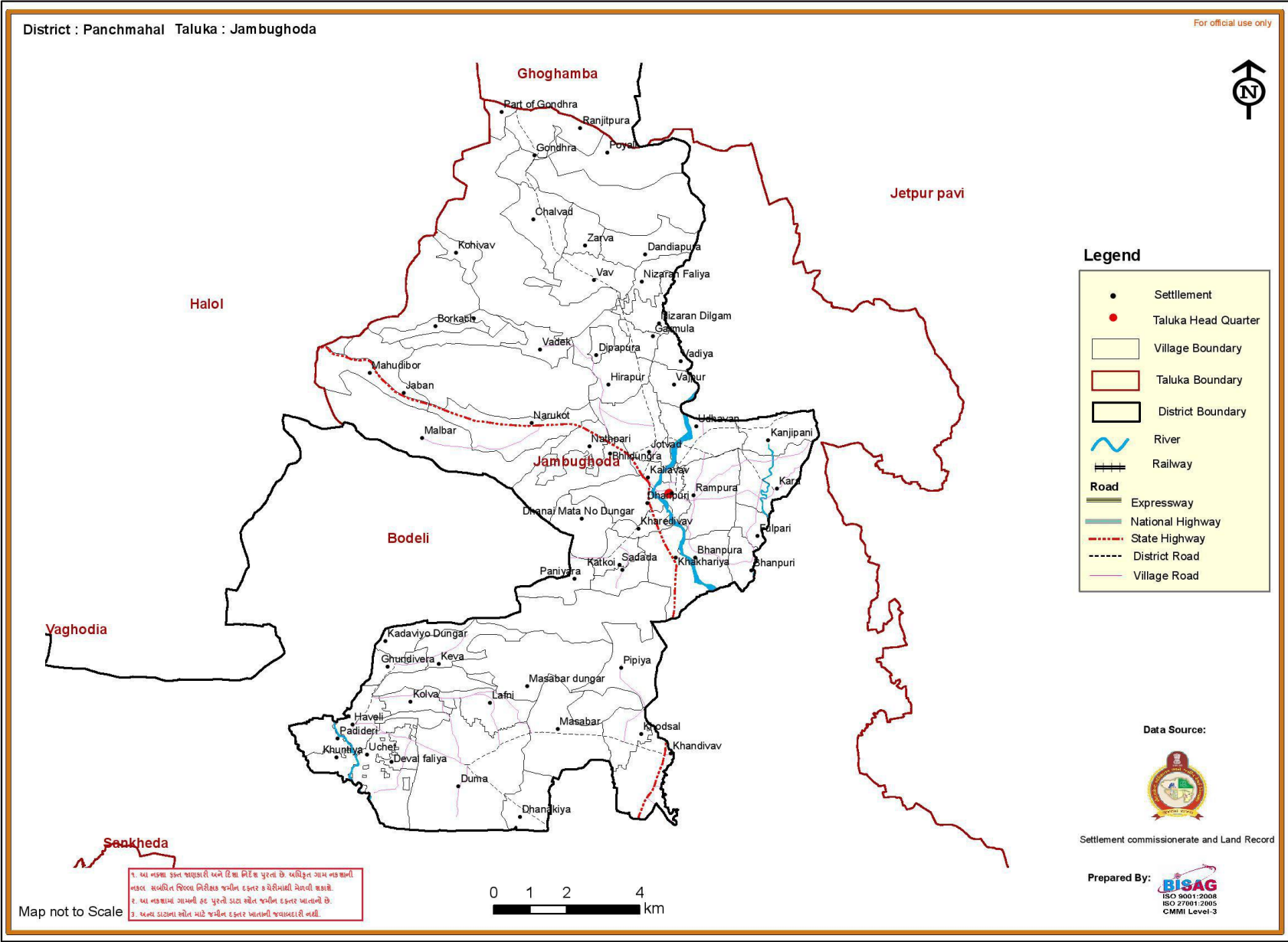




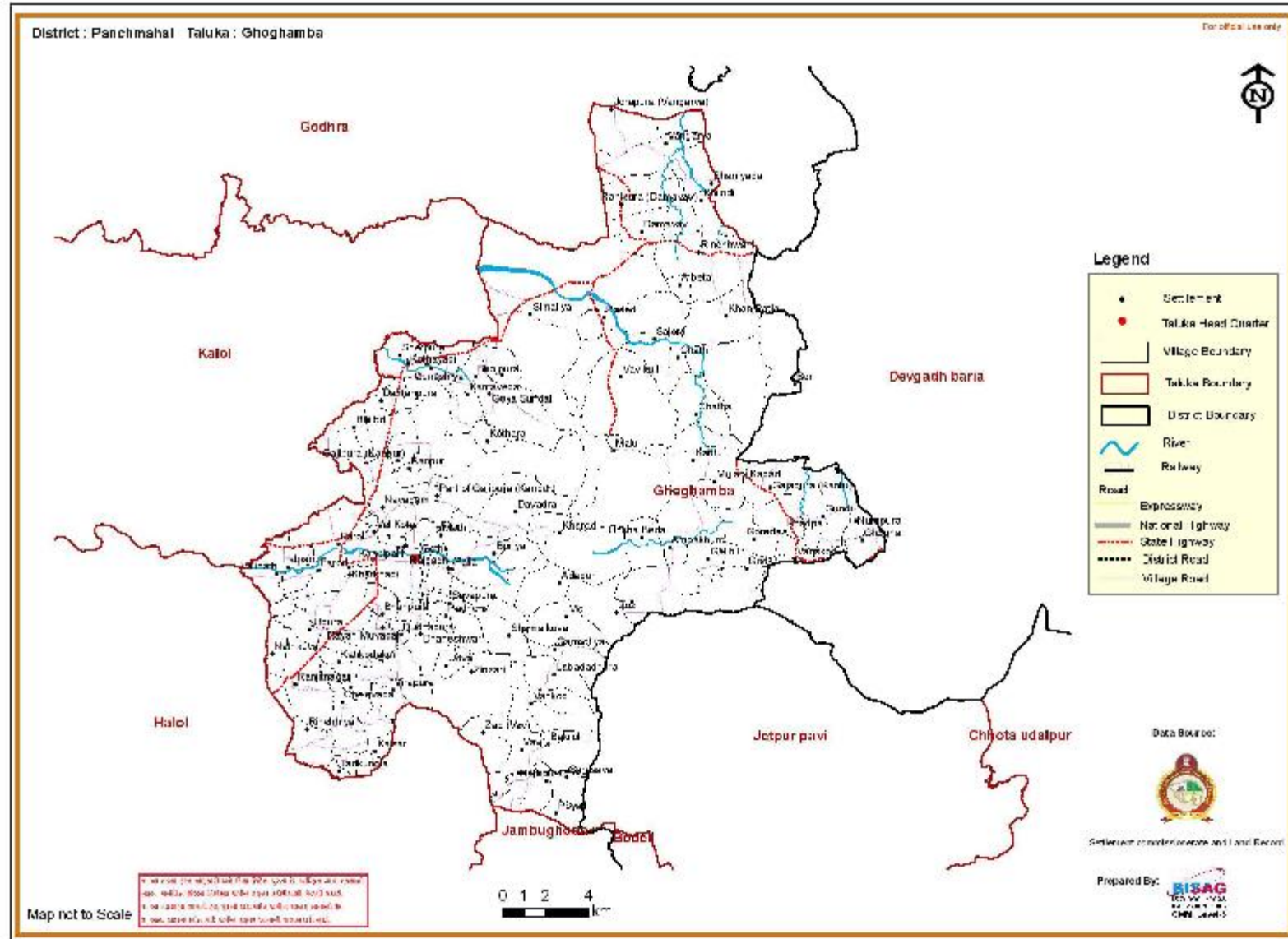
Kalol Taluka Map



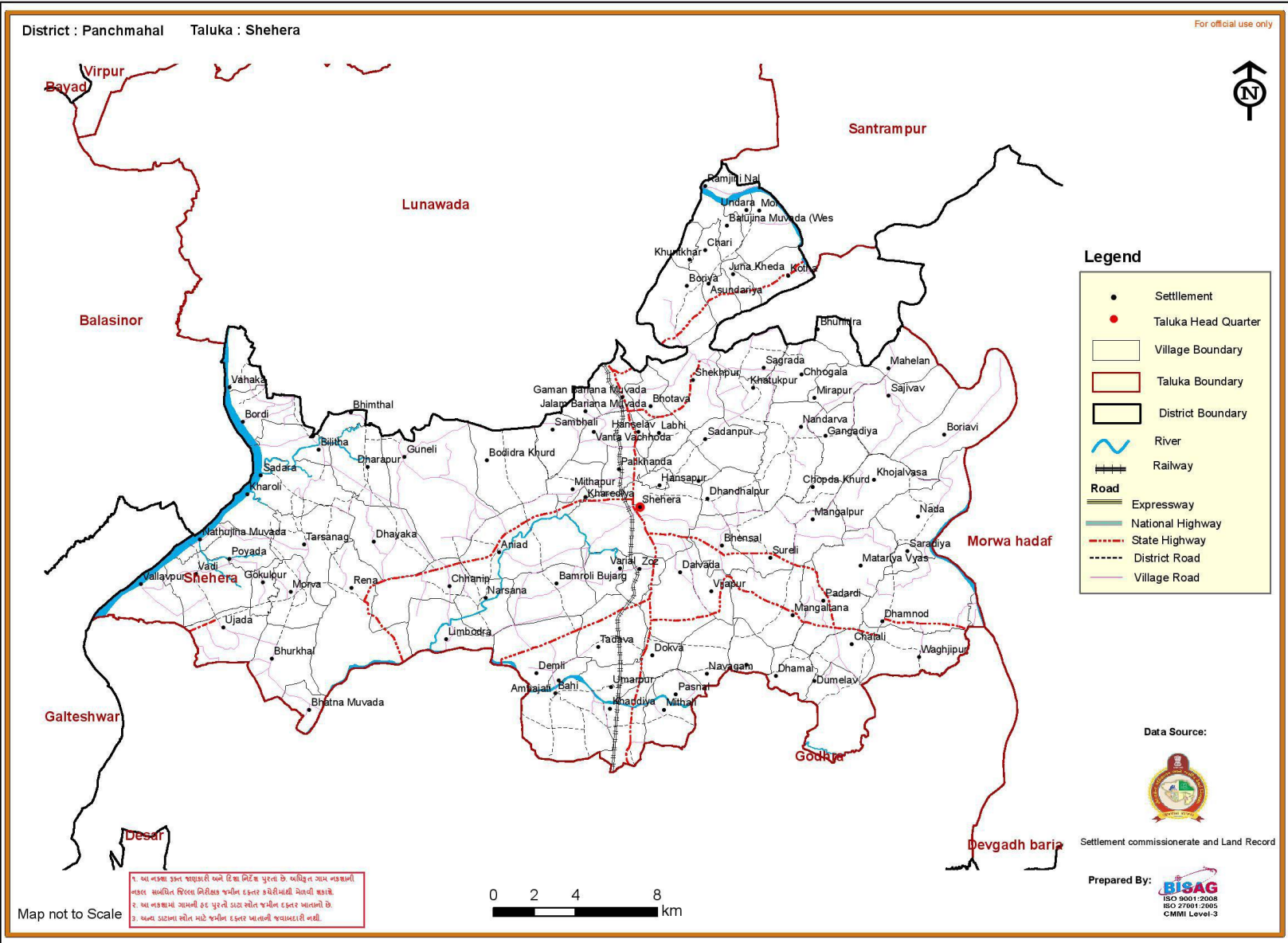
Jambughoda Taluka Map



## Ghoghamba Taluka Map



Shahera Taluka Map





## Morva(h) Taluka Map

