

Pre-Disaster Management plan

Presented by -

STC/NBQ

Disaster Management Plan

- ❑ DM Plan is imperative to tackle a Disaster with minimum manpower and limited infrastructure. It has two phases:-
 - ❑ Pre-disaster management plan
 - ❑ Post-disaster management plan.

Pre-disaster management plan

- Pre-disaster management plan deals with precautionary measures
 - To prevent Disaster
 - For preparedness

Post-disaster management plan

- Post-disaster management plan includes responsibilities of respective departments and individuals.

Equipments On Passenger Train

1. First aid box
2. Emergency Light Box
3. Fire Extinguisher
4. Walkie- Talkie
5. GRP / RPF Escorts

Equipments at all stations

1. Disaster management action plan.
 2. Fire Extinguisher.
 3. Fire buckets.
 4. First Aid box.
 5. List of doctors with phone no.
 6. List of hospitals & health units with telephone no.
 7. Telephone no. and other important information for seeking assistance from F.E. units, state police, civil authorities, voluntary organisations, transport, defence / army unit, etc.
-

Equipments at important station

- 1. ARME – (i) scale- i (van)
(ii) scale- ii (kits on platform)**
- 2. ART / MFD**
- 3. Rly. Hospital / Health unit**

WEATHER & CYCLONE WARNING

1. Stations
2. Control office
3. Engg. Officials

TRAINING

1. Initial / induction course
2. Refresher course
3. Special course
4. Counseling
5. Mock drills
6. Safety camp

INSPECTION

1. Safety audit
2. Periodical inspection
3. Surprise inspection
4. Safety drive

MAINTENANCE

1. Rolling Stock
2. Track
3. S & T Gears
4. Observance of rules
5. Vigilant on Duty / Foot Plate / STN / BV etc.
6. Confidence (not overconfidence)

At Divisional Control Office

A ready updated list of names, addresses, telephone numbers and any other relevant information of the following-

- Fastest approach by rail or road to any station / section of the division.
- Detailed road map.
- Locations where a small plane or a helicopter can land.

Contd....

At Divisional Control Office

- ❑ Local doctors, hospitals, polyclinics, nursing homes, etc. at all major junctions, along with facilities available.
- ❑ Officials of civil administration, district wise.
- ❑ Senior officials of state administration
- ❑ Defence Establishments (Army, Navy and Air force).
- ❑ Paramilitary establishments.

Contd....

At Divisional Control Office

- Names and address of Divers.
- Names and address of boatmen and availability of boats.
- Social, Voluntary, Industrial and other non government organizations
- Organizations having road cranes, Bulldozers, etc.
- Organizations having flood light equipment etc.

Contd....

At Divisional Control Office

- ❑ Establishments having communication facilities, etc.
- ❑ Establishments having tents etc.
- ❑ Fire brigade stations.
- ❑ Road transport depots both state government and private.
- ❑ Local AIR and TV stations.
- ❑ Station wise list of ARME with adjoining division of home railway as well as that of adjoining zonal railways.

Disaster management team of RPF

□ There should be a disaster management team of RPF on each division of IR comprising about 15 men in different ranks.

□ Equipments for RPF:-

Disaster management team of RPF should have the following equipment available with them

- Torches and other lighting arrangements.
- Nylon ropes and poles for segregating the affected area from visitors and spectators.
- Loud hailer for making announcements.
- Stretcher and first aid equipment.
- Wireless sets for inter communication.
- Cameras for photographing the scenes.

MOCK DRILL

- Ordered by DRM personally.
 - Conducted under direct supervision of Sr. scale officer/DSO.
 - Assisted by Safety Counselors.
 - Once in 3 months.
 - Properly planned so that delays and mistakes committed by staff can be noted and instructions given at the spot.
 - Only the concerned railway staff participate. Police, civil authority, public & press are not to be informed of such mock drill.
 - Detailed report to DRM & CSO.
-

INTENTION OF MOCK DRILL

- To test the practical knowledge of the staff concerned
- To check turning out of ART/ARME personnel
- Practice leads to perfection
- To find out alertness of staff
- To measure the results of training and drills
- To check the equipments
- Not only relief train staff, but the control staff, guards, SMs, supervisors (PWI,SI,LI,TI,CWI etc.) & officers are also to attend.

Preparedness (long term) for Natural Disaster

- ❑ Identification of the risk zones.
- ❑ Monitoring the quality of the construction.
- ❑ Mechanical department will equip ARTs, ARMEs and self propelled ARMVs with axes and saws to cut tree branches in case of emergencies. These will also be equipped with adequate no. of Petromax, Gas Lamps and portable Generator sets with sufficient fuel apart from standard equipments.
- ❑ Pre-disaster warning.

Preparedness (short term) after forecasting of the natural disaster

- Opening of Disaster control rooms at Divisional Office.
- These control rooms shall be manned round the clock by one Officer from each of the following Departments:-
 - Operating.
 - Commercial.
 - Civil Engineering.
 - Signal and telecom Engineering.
 - Mechanical Engineering.
 - Electrical Engineering.
 - Medical.
 - Stores.
- These controls rooms will have state of the Art communication system.

Duties of Transportation department

- ❑ Deployment of essential staff
- ❑ Adequate drinking water, petromax lamps, match box, fuel for generator sets, VHF sets, charging of stand by batteries, F.A. equipment
- ❑ Proper securing of vehicles in yard
- ❑ Diversion/ regulation/ cancellation of trains
controlling of train caught in affected area
- ❑ Communication with PRO / CPRO.

Duties of Commercial Department

- Drinking water, tea, food
- Enquiry office
- Public address system
- Transhipment of passengers.

Duties of Mechanical Department

- ART/ ARME in readiness
- Road vehicle in readiness
- Drinking water & food for ART/ARME staff.

Duties of Stores Department

- Stock of essential items at nominated stores depot.

Duties of Medical Department

- Adequate stock of essential medicines
- Prevention of epidemic.

Duties of Telecom Department

- Wireless communication
- Satellite phone
- Mobile telephone
- Failsafe telephone
- WLL telephone.

Duties of Electrical Department

- Standby generator
- Adequate fuel at strategic location.

Duties of Civil Engg Department

- ❑ Sending of material train to station closed to affected section
- ❑ Patrolling of vulnerable place
- ❑ Empty flat wagon for quick loading of earth moving machinery.

Duties of Security Department

- Accompany train carrying relief material
- Assist commercial and station staff at major stations in handling public enquiries
- Remain at the station when passenger carrying train is regulated and at restoration site.

Thank You