



OFFICE OF THE DISTRICT MAGISTRATE
DISTRICT DISASTER MANAGEMENT AUTHORITY (WEST)
GOVERNMENT OF THE NCT OF DELHI
OLD MIDDLE SCHOOL COMPLEX, RAMPURA, DELHI-110035
PH: 011-27397814, 27396629



REPORT ON MEGA MOCK DRILL

DISTRICT WEST

30-JUNE-2017, 10:30 AM



INTRODUCTION

A State level Megamock exercise on earthquake was conducted, in all the eleven revenue districts of Delhi State, by NDMA, in conjunction with DDMA on 30-06-2017. In District West, the drill was conducted under the supervision of District Magistrate (West), **Sh. Shiv Kumar** along with the Additional District Magistrate (West), **Sh. S.C.Meena**. In this mock drill, entire Revenue staff of West District along with all the Emergency Support Functionaries (ESFs) participated full enthusiasm in the entire exercise.

Mock Drill helped in evaluating response and improving coordination with various Government departments, Non-Governmental agencies and communities, The Mock Drill helped in identifying the extent to which the standard Operating Procedures (SOPs) and Disaster Management Plans are followed in a effective and also aid in improving and reviving these, if required. The Mock Drill enhance the ability to respond faster way better and in an organized manner during the response and recovery phase.

SCENARIO

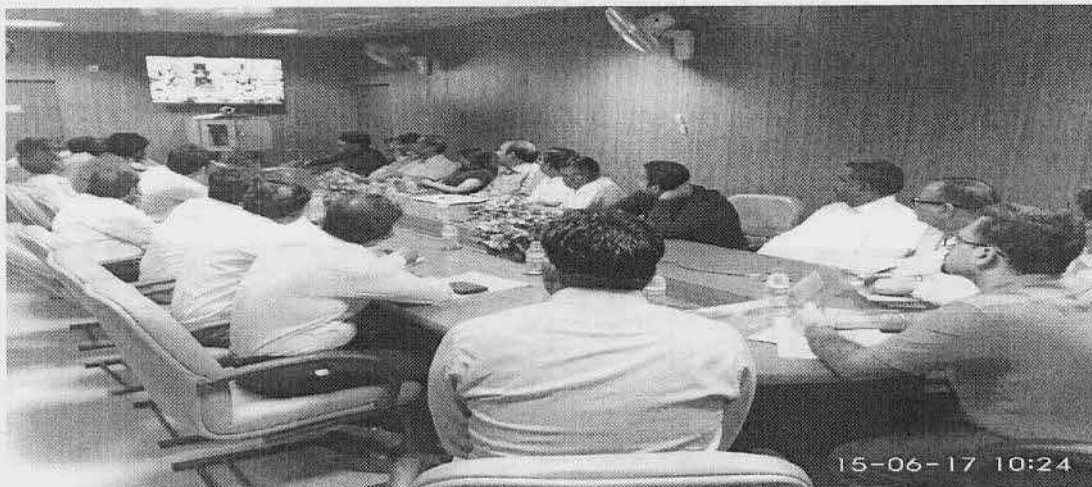
An earthquake of magnitude 7.9 on Richter scale occurred on Delhi-Moradabad fault line, at 10:30 am on 30th Jun 2017. The epicenter of the earthquake was 75 km East of Delhi, near Moradabad at a depth of approximately 25 km. The potential intensity of the earthquake was between MSK VIII. Strong tremors were also experienced in the whole of North North-Western States of India. The weather will be bad; the sky will be overcast and will be raining heavily. As per IMD forecast, due to local disturbances, the weather will remain like this for next 24 hours.

Planning of Mock Exercise

A State level Earthquake Mock exercise in Delhi was held on 30.06.2017 as per the directions of Hon'ble Lt. Governor of Delhi. Accordingly following Action was taken:

Step 1: 15/06/2017 Orientation Conference (VC)

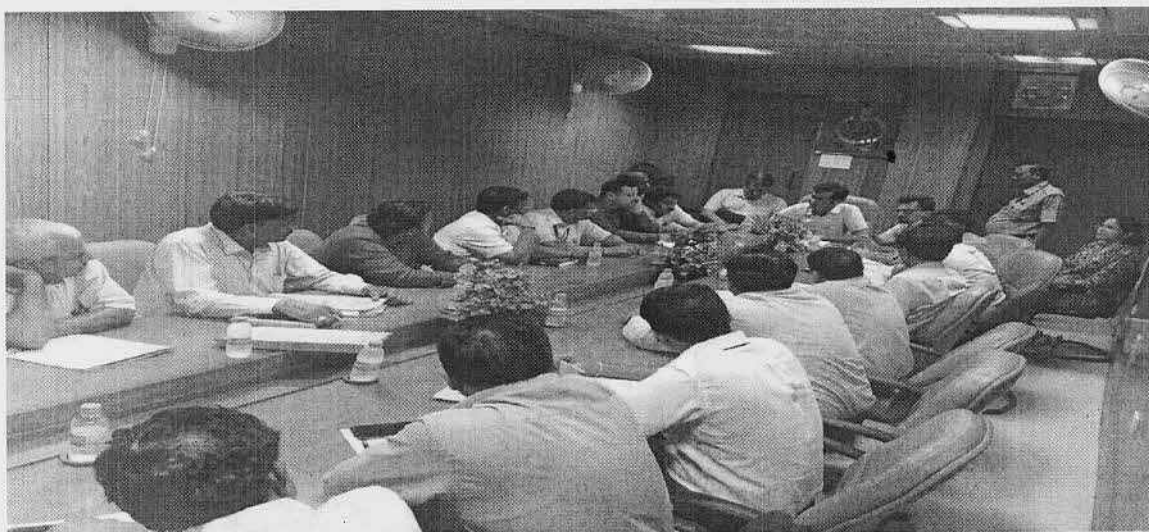
All ESFs has been called for these conferences so that all nodal officers aware about the detailed plan of Mock Exercise and can participate with full enthusiasm in the entire exercise.



Orientation
Conference

Step 2: 20/06/2017 meeting with all ESFS

In this regard a meeting was called on 20.06.2017 with all the Emergency Service Functionaries (ESF) in District West chaired by Addl. District Magistrate West at the O/o District Magistrate, Old Middle School Building Complex, Rampura where the role of each department was finalized.



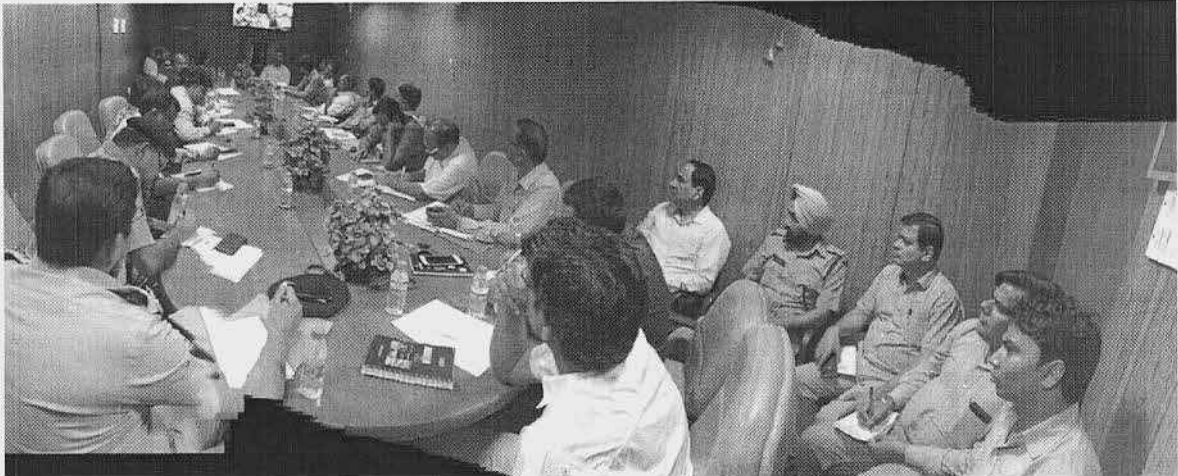
Meeting
with ESF

Step 3: 27/06/2017 meeting with all Revenue officials

A meeting was called to finalise the Incident Commander of the site and the role of other team leaders. ADM (west) assigned the role and responsibility to various departments.

Step 3: 28/06/2017 Coordination Conference (VC)

No. of locations has been finalised in Coordination conference. It was decided that each district has to select five different locations and one Staging Area for Mock Exercise-Delhi. It was decided that one Incident commander for each site and Staging Area Manager for Staging Area to control operation during Mock Exercise.



Coordin-
ation
Conference

STEP 4: 29/06/2017 Table top Exercise

In table top exercise, the procedure of the Mock exercise was discussed. One district gave the presentation on the incident Response system. We also prepared one final plan and make 5 task forces to respond to 5 locations.

STEP 5: Visit of Mock Exercise Locations for Planning



Metro Station, Punjabi Bagh



Railway colony Punjabi Bagh

A joint Survey of the 5 proposed locations was done by all stakeholders.

Step 5: Mock Exercise

With this background and as a part of Disaster Preparedness Exercise in District, the District Disaster Management Authority, District West, Delhi has organized State Level Mega Mock Drill on 30th Jun 2017 at 10:30 AM at five (05) Locations:-

- 1- Panjabi Bagh Metro Station
- 2- Railway Colony Punjabi Bagh
- 3- Shri Balaji Action Hospital
- 4- MCD office Rajouri Garden
5. Moment Mall, Kirti Nagar

The Mock Drill was organized on the following Scenarios:-

1- Panjabi Bagh Metro Station

Cracks in Metro Pillars and Stampede

2- Railway Colony Punjabi Bagh

Building Collapse

3- Shri Balaji Action Hospital

Building Collapse and Fire

4- MCD office Rajouri Garden

Building Collapse and Fire

5. Moment Mall, Kirti Nagar

Stampede and Building Collapse

The Chairman of DDMA, District West directed to start siren of hooter at 10:30 AM for giving message of disaster situation. After ensuring safety of own lives, all official of district west gathered in conference thus activate the Emergency Operation Centers (EOC). In accordance with Scenarios, messages were conveyed to all Incident commanders Nodal Officers of ESFs like DFS, Health Department, Cats Ambulance, Delhi Police, Traffic Police, SDMC, PWD, BSES, MTNL, Delhi Jal Board, NDRF, Transport Department, QRT etc. by EOC. It was directed by message to rapidly depute teams along with instruments at Staging Area situated at Janmasthmi Park Punjabi Bagh Main Ring Road, Delhi. EOC also conveyed message to the Staging Area Incharge to keep ready to meet out any exigency of service and coordination with ESFs for controlling

the situation. All the five (05) Incidents Commanders reported to the designated locations and sent message to EOC.

By showing quick action, assessment of damage was made. Incident Commanders had given message to Control Room to convey Staging Area Manager to send various types of equipment required to control the situation along with Task Force. Incident Commanders quickly prepared Incident Command Posts and Medical Aid Posts with the help of stake holder of Medical Wing. ESFs team members and Civil Defence Volunteers of concerned Division(s) also reached there and started search and rescue operation.

The Chairman of DDMA, District West, Delhi controled the situation from EOC of DDMA situated at D.C. office, Complex, Old Middle School Building Rampura, Delhi along with District Project Officers and Nodal Officers whose presence was required at EOC. Time and again, contact over Tetra Set was made by the Chairman and Staging Area Manager (CEO-DDMA) with all the Incident Commanders working at five (05) locations with ESFs.

Task Force(S) were sent from Staging Area. Meanwhile using available manpower, the Incident Commanders started rescue operation at each five incident sites. As soon as, casualties were found, dummy casualties were sent to **Achary Bhikshu Hospital, Action Balaji Hospital, MGS Hospital, Maharaja Agersen Hospital, Guru Govind Singh Hospital, Kukreja Hospital, ESI Hospital Basai Darapur**through CATS Ambulances & PCRs.

All the affected persons were sent to Relief Camp situated at Janmasthami Park and Railway Colony Punjabi Bagh by buses provided by DTC. It is also pertinent to mention here that facility of Food, Drinking Water & Medical etc. was provided to all the persons reached at Relief Camp by Revenue Department.

Relief Centres

Two relief centers were established in District West. People who lost their houses were safely evacuated through DTC buses, MCD labour trucks and private vehicles from the affected residential areas to these relief camps.

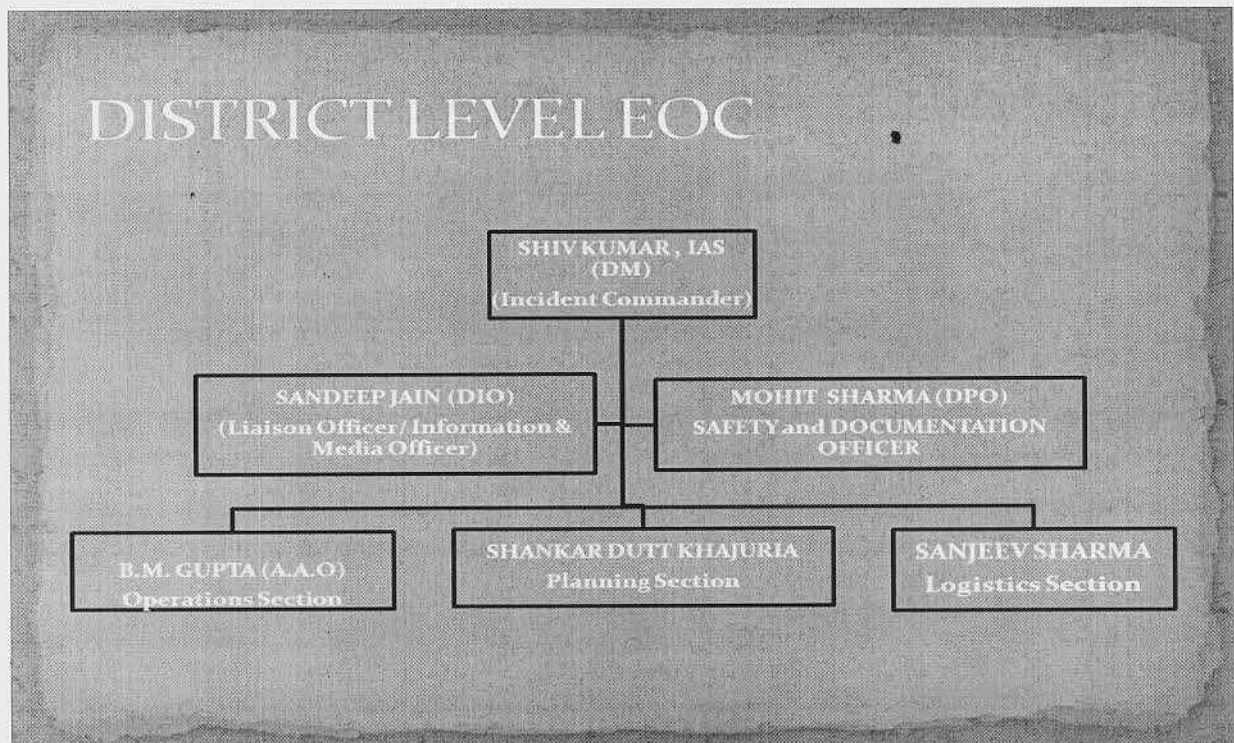
Sl.no	Relief Centres	Sub-Division
1.	Janmasthami Park	Punjabi Bagh
2	Railway Colony Punjabi Bagh	Punjabi Bagh

After completion of search and rescue operation, Incident Commanders informed about completion of mock drill as per time noted against each :-

Sl.no	Location	Scenario	Start time	End time
1.	Panjabi Bagh Metro Station	Cracks in Metro Pillars and Stampede	10:43 AM	12:12 PM
2.	Railway Colony Punjabi Bagh	Building Collapse	10:43 AM	12:30 PM
3.	Shri Balaji Action Hospital	Building Collapse and Fire	10:38 AM	12:01 PM
4.	MCD office Rajouri Garden	Building Collapse and Fire	10:43 AM	12:06 PM
5.	Moment Mall, Kirti Nagar	Stampede and Building Collapse	11:30AM	12:27 PM

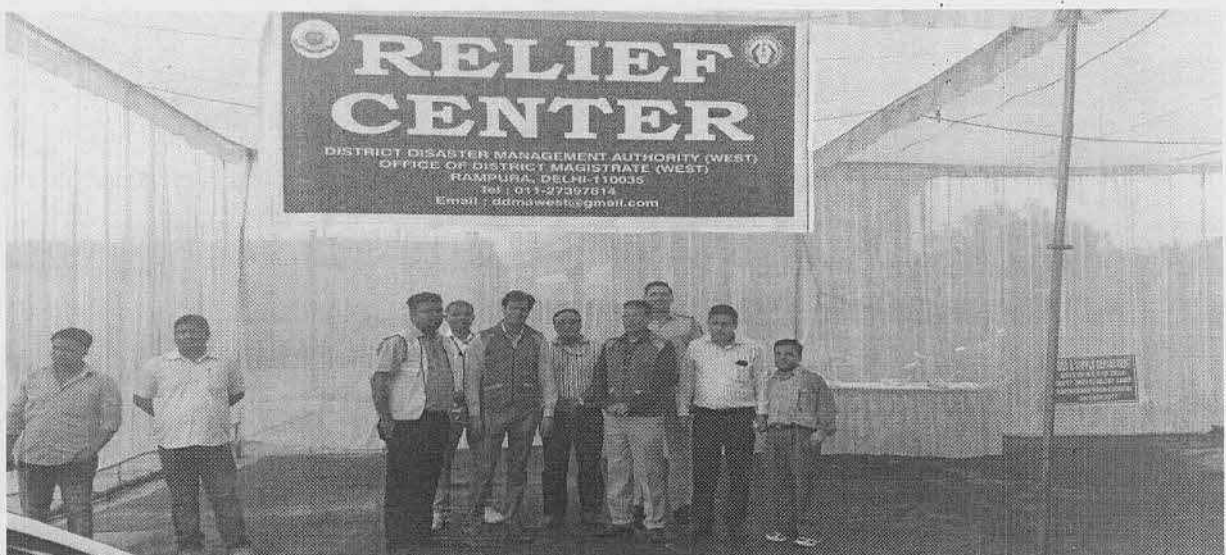
Thereafter, the Chairman passed directions to all the Incident Commanders and Nodal Officers of all ESFs to report at conference room of DM Office Rampura, Delhi for "Debriefing Session". All the Incidents Commanders with their staff and Nodal Officers of ESFs reported and participate in debriefing session and submitted Mock Exercise Report of learning's.

Functioning of District West Emergency Operation Centre



The Staging Area

Janmasthmi Park ground, Punjabi Park was identified as a Staging Area. All ESF's has reported at Staging Area for debriefing with their life saving equipment. Five task forces was formed at Staging Area and deployed by Staging Area Manager Sh. S.C Meena, ADM (west) with Incident Commanders. One relief Centers has developed at Janmasthmi Park and many people bring by DTC Bus.



STAGING AREA MANAGEMENT

S.C. MEENA, ADM (West)
STAGING AREA MANAGER

PLANNING

SDM (Elec) Sh. KUKRETI

- A. EOC ACTIVATED
- B. WIRELESS SYSTEM IN PLACE
- C. ESF CO-ORDINATED
- D. IRS IN PLACE
- E. NODAL OFFICER IDENTIFIED

LOGISTICS

ICD Sh. SURESH MALIK

- A. IDRN UPDATED
- B. JCBs, Emergency vehicles, Ambulances
- C. DEPARTMENTS BRIEFED
- D. EQUIPMENT - broadly ESF's, Forces
- E. Rescue equipments, sirens

B-26

Details of Emergency Support Functionaries (ESF's) and their Resource at Staging Area

S.NO	Reporting Time	Department	Personnel	Equipment
1	10:47 AM	MEDICAL	16 Doctors, 28 Paramedicals & 20 Nursing Staff	02 Beds , 10 Stretcher, 02 Triage & First Aid Boxes
2	10:42 AM	(CATS & ST. JOHNS)	25 Staff	8 Ambulance
3	10:45 AM	DELHI POLICE & PCR	01 ACP, 5 SHO/SI & 70 Constable/Head Ct.	15 PCR
4	10:47 AM	BSES	25 Staff	Equipment for cutting and restoration of electricity
5	10:48 AM	DJB	30 Staff	05 Water tankers & 04 Jetting Machine
6	10:50 AM	DTC	10 Staff	05 Buses
7	10:45 AM	TRAFFIC POLICE	20 Staff	05 Gypsy
8	10:40 AM	CIVIL DEFENCE VOLUNTEER	430 CDV's & 10 ICD Warden	NIL
9	-	DUSIB	02 Staff	01 Mobile Toilet
10	10:46 AM	PWD	10 Staff	01 JCB
11	10:47 AM	MCD	70 Staff	03 JCB, 04 Truck/Dumper & Aska Light
12	10: 51 AM	CRPF	02 Assistant/ Deputy Commandant & 40 Staff	01 Bus, 01 Heavy Vehicle & 02 Light Vehicle
13	10:50 AM	NDRF	40 Staff	Fully Equipment
14	10: 40 AM	CISF	01 Assistant Commandant & 30 Staff	NIL
15	10:42 AM	FIRE SERVICE	16 Staff	02 Fire Tender
16	10:40 AM	DMRC	20 Staff	Strecher & Wheel Chair
17	10:49 AM	IGL	10 Staff	NIL

At each relief centre, following nine units were established for effective management of the relief centre:

- a) **Communication Unit** was established to communicate about the requirements at the relief centre with the concerned departments and EOC (W).
- b) **Medical Unit**, with first aid centre was established to attend to casualties with minor injuries.
- c) **Food Unit** was established to manage availability of cooked food to the people living in relief centre.
- d) **Ground Supporting Unit** was established to manage staff requirement at the relief centre. Civil Defense volunteers helped in ground level work.
- e) **Receiving Unit** was established to manage stock of any material received for running the relief centre
- f) **Distribution Unit** was established to manage distribution of relief material to the people living in relief centre.
- g) **Help Desk/Registration Desk** was established to cater to any enquiries and to register the people coming to the relief centre with all details.

Emergency Operations Centre, West

Emergency operations centre in District West worked under over all supervision of DM (West) with the help of DPO (West) and 3 Civil Defense volunteers. The calls from EOC (West) were diverted to three other landline numbers by MTNL to avoid congestion and 2 civil defense volunteers (3 from EOC and 2 others) were involved to receive calls from affected places and 1077.



DM (West) was sitting with EOC (w), Observer (Army) and Senior officer of Police were talking about the rescue operation and taking detail time to time from DPO (W)

Incident Locations wise Report are enclosed

1. Panjabi Bagh Metro Station (Metro Pillar 79)

Call start time	10:30 AM
End time	12:12 PM

- 1. Incident Commander: **Sh. BD Meena (Tehsildar PN)**
- 2. Observer: LC Sharma (AC-CISF)
- 3. Casualty Details

Major	06
Minor	09

4. Details of casualties sent to different neighboring hospitals:-

S.No	Name of the Neighboring Hospital	Number of Casualties Sent	First Aid at Incident Site
1.	Achary Bhikshu Hospital	5 (Major Injured)	08
2.	Action Balaji Hospital	1 (Major Injured)	
		1 (Minor injured)	

5. Time log of Emergency Support Functionaries ESFs Detail

S.No	Name of Department	Call Time	Response Time	Personal	Equipment
1	PCR	10:51 AM	10:59 AM	Constable/Head Ct.	03 PCR
2	DTC	11:02AM	11:25 AM	Driver & helper	01 Bus
3	CATs Ambulance	10:53 AM	11:03 AM	01 Doctor & 2 Nurse	1- Ambulance
4	PWD	10:58 AM	11:18 AM	AE with Staff (02)	-
5	MCD	10:56 AM	11:08 AM	AE with staff (05)	-
6	Delhi Police	10:53 AM	11:19 AM	01 SHO with 12 staff	01 ERV
7	Traffic Staff	10:59 Am	11:17 AM	04 STAFF	01 Gypsy
8	Delhi Jal Board	11:00 AM	11:26 AM	Zonal Engg. With staff	01 Crane 01 Jet Machine& Water Tanker
9	CDMO (Medical Team)	10:36 AM	11:00 AM	Team with Staff (05)	QRT From CDMO office
10	BSES	10:47 AM	No Response	-	-
11	DUSIB	10:49 AM	No Response	-	-
12	Food & civil Supply	11:01 AM	11:30 AM	(02) Staff	-
13.	Civil Defence			79 CDVs	

INCIDENT COMMAND METRO STATION, PB

B.D. MEENA (TEHSILDAR - PN)
INCIDENT COMMANDER

COMMAND
STAFF



SH. SANTOSH, Patwari
INFORMATION/
LIAISON Officer

OPERATIONS SECTION TEAM
Civil Defence DFO West, E.E. & FC, SHO
Punjabi Bagh, Education Officer, Medical
Team, BSES, MTNL MCD, DDE, Food and
Supply and PWD

Incident Commander Report: Panjabi Bagh Metro Station

OFFICE OF THE SUB MAGISTRATE (PATEL NAGAR)/ DISTT. (WEST)
GOVT. OF NCT OF DELHI
OLD MIDDLE SCHOOL BUILDING, RAMPURA, DELHI -35

Subject :- Mock Exercise Report – Learning's

Mock Exercise site :- Panjabi Bagh Metro Station

Date:- 30th June, 2017

Sub. Division – Patel Nagar

Scenario of Mock Exercise :- Cracks in metro pillars and Stempede

Task Force 1 was deployed at MCD office Patel Nagar with Sh.B.D.Meena (Tehsildar, Patel Nagar) as Incident Commander. The other team members at site were Sh.Arshad, Coordinator, DDMA as Liaison Officer/Resource unit leader and Sh.Santosh Kaushik, Information assistant. Few successes and short comings observed during the mock exercise were:-

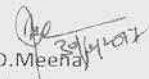
Successes:-

- All staff was very swift at reporting along with CDV's performed the search and rescue operations effectively.
- The team of doctors and paramedical staffs from CDMO office carried out the first aid process promptly.
- Ambulance services reached the site swiftly and evacuated the casualties to the nearest hospital.
- The crowd management was effectively done by DDMA staff and CDV's.
- The DMRC staff was also participated and made full cooperation.

Short coming

- The traffic was properly managed by traffic police present at site. This created hindrance in the movement of emergency vehicles.
- There was lack of seriousness towards mock exercise in the all staff of defence department, which can be a reason of poor response towards any Disaster situation in future.
- PWD staff misinformed about availability of JCB at site, they did not get any JCB.

In the end, we can conclude that, the representatives of all departments appreciated the efforts of all the ESFs who participated in the mock drill. All the ESFs will try to improve and implement the suggestions which came up during the entire mock exercise.


(B.D.Meena)

Executive Magistrate/Tehsildar (PN)

2- Railway Colony Punjabi Bagh

Call start time	10:43 AM
End time	12:30 PM

1- Incident Commander: Sh. Jatin Goyal, SDM, Patel Nagar

2- Observer: Sh. Amar Singh (Dy. Commdt.-CRPF)

3- Casualty Detail

Major	05
Minor	08
Death	02

4- Details of casualties sent to different neighboring hospitals:-

S.No	Name of the Neighboring Hospital	Number of Casualties Sent
1.	MGS Hospital	05 (Major Injured) 08 (Minor Injured) 01 (Death)
3.	Acharya Bikhshu Hospital	01(Death)

5. Time log of Emergency Support Functionaries ESFs Detail

S.No	Name of Department	Call Time	Response Time	Personal	Equipment
1	PCR	11:04 AM	11:12 AM	Constable/ Head Ct.	02 PCR
2	DTC	11:18 AM	11:32 AM	Driver & helper	01 Bus
3	CATs Ambulance	10:55 AM	11:11 AM	01 Doctor & 2 Nurse	01- Ambulance
4	PWD	11:20 AM	11:30 AM	AE with Staff (01)	01 JCB
5	MCD	11:00 AM	11:23 AM	JE with staff (12)	-
6	Delhi Police	10:54 AM	11:02 AM	01 SHO with 12 staff member	01 ERV
7	Traffic Staff	10:34 AM	11:12 AM	04 Staff member	01 Gypsy
8	Delhi Jal Board	11:07 AM	11:20 AM	06 Staff Member	01 Water Tanker

12	St. Jones Ambulance	10:37 AM	11:07 AM	05 Staff Member	01- Ambulance
13	DDMA (QRT)	11:01 AM	10:55 AM	03 Staff	01 QRT
14.	IGL Team	11:15 AM	11:45 AM	02 Staff	With Equipment
15	Railway Staff	-	11:15 AM	06 Staff	-
16.	BSES staff	11:08 AM	11:15 AM	03 Staff	With Equipment
17.	CDMO Team	10:56 AM		Team with Staff (05)	QRT From CDMO office
18.	Divison Warden, CD			92 CDVS	
19	DUSIB	11:17 AM	11:25 AM		01 Crane 01 Mobile toilet
20	CRPF	-	11:30 AM	01 Battalion	01 Bus

Search & Rescue operation at Railway Colony Punjabi Bagh



INCIDENT COMMAND RAILWAY COLONY, PB

JATIN GOYAL, SDM (PATEL NAGAR)
INCIDENT COMMANDER

COMMAND
STAFF



VIJAY, PATWARI
INFORMATION/LIAISON/

OPERATIONS SECTION TEAM
CRPF, Civil Defence, E.E. & FC, SHO
Punjabi Bagh, Education Officer,
Medical Team, BSES, MTNL MCD,
DDE, Food and Supply and PWD

B-26

Incident Commander Report: Panjabi Bagh Railway Colony

OFFICE OF THE DISTRICT MAGISTRATE
DISTRICT DISASTER MANAGEMENT AUTHORITY (WEST)
GOVERNMENT OF THE NCT OF DELHI
OLD MIDDLE SCHOOL BUILDING RAMPURA, DELHI-110035
PH: 011-27397814, 27396629

LEARNING FROM MOC DRILL CONDUCTED ON FRIDAY 28.06.2017 AT 10.43 A.M.

Mega Mock Drill was conducted on Friday 28.06.2017 at 10.43 A.M. to assess the preparedness of various agencies in case of Disaster like situation (Earthquake). In District (West) five locations were chosen, out of which I was assigned the role of incident commander at one of the five sites i.e. Railway Colony Punjabi Bagh. The success and improvement areas of the Mock Drill are as follows:-

SUCCESSSES

1. All the agencies of the Govt. including Delhi Police, MCD Deptt., Medical Deptt., Fire Deptt., Delhi Jal Board, BSES, IGL, CRPF, CDVs etc. Coordinated with each other to conduct search and rescue operations successfully.
2. Various agencies also pooled in the resources, like:-
 - a. Medical Department brought Ambulances, first aid boxes.
 - b. Delhi Police with their PCR vans
 - c. DJB with the Water Tanks
 - d. MCD with their JCB etc.
3. The Coordination was achieved primarily by preparing five task force for five agencies in advance which led to very smooth & efficient deployment of resources.
4. CDVs Participated in great numbers to lend community support

AREAS WHERE IMPROVEMENT IS REQUIRED

1. Traffic Management during the movement of team from staging area to 5 incident locations could have been better.
2. Communication through Tetra Set can be improved since the signal of Tetra Set was weak at many locations. We, officers, were often not conversant with use of Tetra Set.
3. Community involvement at the railway colony itself could have been better-- local residents participation

Contd...2/-

KEY LEARNINGS

1. The Key to coordination is formation of Task Forces. Since this was a Mock exercise and we knew the locations(number and address) in advance, we had forward the five task forces in advance, the directions for which were given at the staging area on the day of Mock drill. In a real Disaster situation, this might be not be possible. Moreover, the extent of damage may not be localised to only five sites where the intensity of earthquake of around 7.9 hrts Delhi. Hence to meet a real disaster situation, we need keep about 50 Task forces per district formed, after getting resources inventory from all major department. This will help us to meet the actual disaster as effectively as we did in the Mock drill



JATIN GOYAL
SDM (Patel Nagar)
Old Middle School Complex,
Rampura, Delhi-110035

3- Shri Balaji Action Hospital

Call start time	10:38 AM
End time	12:01 PM

1. Incident Commander: Sh R.K Narula

2- Observer: Sh. Ajit Singh

3. Casualty Detail

Major	08
Minor	05
Death	02

4. Details of casualties sent to different neighboring hospitals:-

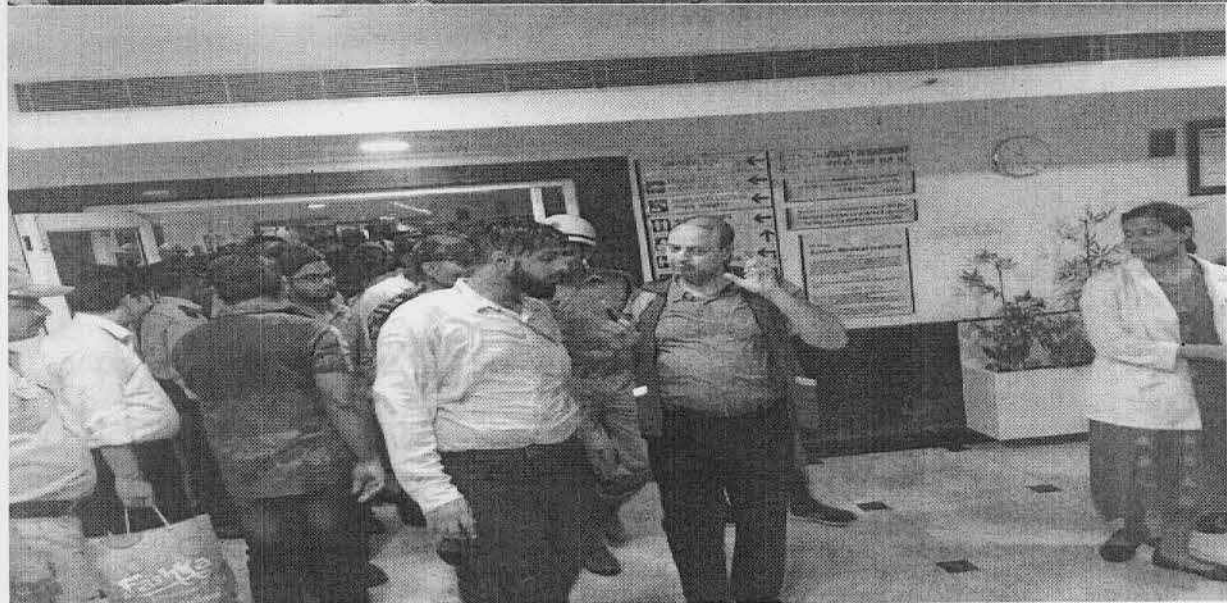
S.No	Name of the Neighboring Hospital	Number of Casualties Sent	First Aid at Incident Site
1.	MGS Hospital	06 (Major Injured)	03
2.	Maharaja Aghsen Hospital	02 (Major Injured) 02(Minor Injured)	
3.	Action Balaji Hospital	1 (Major Injured) 1 (Minor injured)	

5. Time log of Emergency Support FunctionariesESFs Detail

S.No	Name of Department	Call Time	Response Time	Personal	Equipment
1	PCR	10:48 AM	11:16 AM	Constable/Head Ct.	04 PCR
2	DTC	10:55 AM	12:07 AM (After Mock Exercise)	Driver & helper	01 Bus
3	CATs Ambulance	10:43 AM	11:26 AM	01 Doctor & 2 Nurse	03- Ambulance
4	PWD	10:57 AM	Absent	-	-
5	MCD	10:50 AM	11:30 AM	AE with staff (12)	01 JCB
6	Delhi Police	10:48 AM	11:19 AM	01 SHO with 12 staff	01 ERV
7	Traffic Staff	10:54 AM	11:50 AM	04 STAFF	01 Gypsy
8	Delhi Jal Board	10:46 AM	11:25 AM	06 Staff	01 Water Tanker
9	CDMO Medical Team	10:39 AM	11:07 AM	Team with Staff (05)	QRT From CDMO office

10	Food & Civil Supply	10:56 AM	11:20 AM	02 Staff	--
11.	DFS	10:09 AM	11:18 AM	3 staff	01 Fire Tender
12.	BSES	10:53 AM	No Response	---	-----
13.	DUSIB	10:54 AM	No Response	--	-----
14.	DDMA (QRT)	10:40 AM	11:17 AM	03 Staff	01 QRT
15	DM Center , MCD	10:45 AM	11:15 AM	02- STAFF	
16	Civil Defence			80 -Staff	

Search & Rescue operation at Railway Colony Punjabi Bagh



INCIDENT COMMAND ACTION BALAJI HOSPITAL

R K NARULA (AE-DUDA)
INCIDENT COMMANDER

COMMAND
STAFF



MANMEET, DUDA
INFORMATION/LIAISON/

OPERATIONS SECTION TEAM
Civil Defence DFO West, E.E. & FC, SHO
Punjabi Bagh, Education Officer,
Medical Team, BSES, MTNL MCD,
DDE, Food and Supply and PWD

B-26

Incident Commander Report - Shri Balaji Action Hospital

OFFICE OF THE DISTRICT MAGISTRATE
DISTRICT DISASTER MANAGEMENT AUTHORITY (WEST)
GOVERNMENT OF THE NCT OF DELHI
OLD MIDDLE SCHOOL COMPLEX, RAMPURA, DELHI-110035
PH: 011-27397814, 27396629

Subject: - Mock Exercise Report Learning's

Mock Exercise site:- Sri Balaji Action Hospital

Date of incident:- 30/06/2017

Sub Division:- Punjabi Bagh

Scenario of the Mock Exercise:- Building collapse and fire due to Earthquake

Task Force 3 was deployed at Sri Balaji Action Hospital with Sh. R.K. Narula (A. E. DUDA) as Incident Commander. The other team members at site were Sh. Arshad Iftekhhar, (Project Coordinator, DDMA) as Liaison Officer/Resource unit leader and Sh. Ankit as Information assistant. Few successes and short comings observed during the mock exercise were:

Successes:

- All Esf's were very swift at reporting, DDMA QRT (W), Delhi fire service along with CDV's performed the search & rescue operations very effectively.
- The Team of doctors and paramedical staffs from CDMO office carried out the first aid process promptly, as the incident was occurred in hospital, the staff of the hospital reported on the first aid site and take care of the causality.
- Ambulance services reached the site swiftly and evacuated the casualties to the nearest hospital.
- Disaster management center, MCD was prompt in sending two JCB, one truck with 20 staff for clearing debris in building collapse scenario.
- The crowd management was effectively done by DDMA staff, Delhi Police and CDV's.

Short-comings:

- The road just outside Hospital is very congested and parking on road as well as traffic was not properly managed by traffic police present at site. This created hindrance in the movement of emergency vehicles.
- Lack of seriousness towards mock exercise by the staff of PWD.
- Tetra set communication did not work properly.
- Even though the doctors of Sri Balaji Action Hospital cooperated a lot whereas the Hospital Administration was in hurry to get vacate the hospital premises.

Recommendation:

- The remuneration of DDMA Officials i.e. District Project Officer and Project Coordinators seems to be very low and may have adverse effect on their moral in the long run as the salary of their subordinates and daily wage worker seems to be equivalent or more.

In the end, we can conclude that, the representatives of all departments appreciated the efforts of all the ESFs who participated in the mock drill. All the ESFs will try to improve and implement the suggestions which came up during the entire mock exercise.

R.K Narula
01/07/17

R.K Narula
A.E. (DUDA)/Incident Commander
Task Force -3

4- MCD office Rajouri Garden

Call start time	10:43 AM
End time	12:06 PM

1- Incident Commander: **Sh. Surender Kumar**, Tehsildar Rajouri Garden

2- Observer: BSF (Army)

3- Casualty Detail

Major	09
Minor	05
Death	01

4. Details of casualties sent to different neighboring hospitals:-

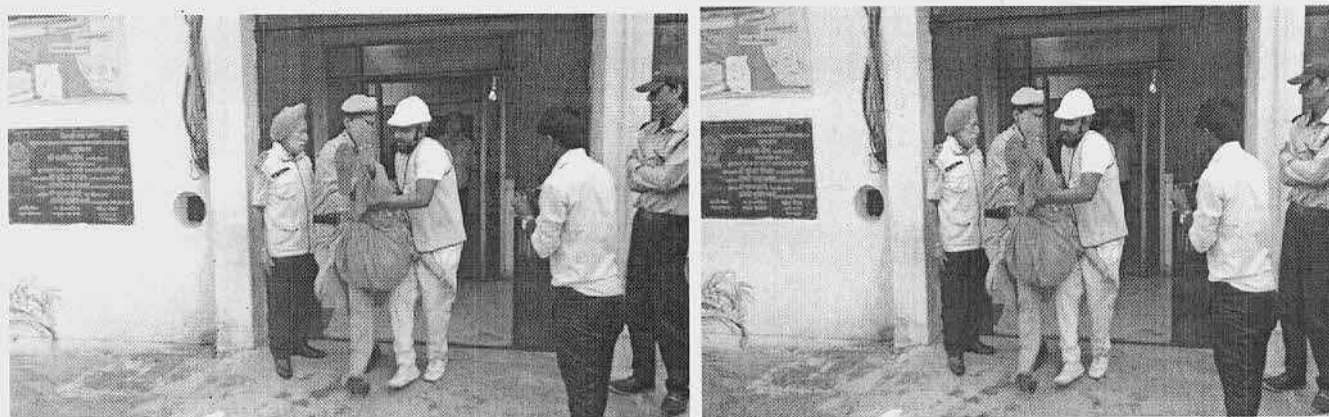
S.No	Name of the Neighboring Hospital	Number of Casualties Sent	First Aid at Incident Site
1.	Guru Govind Singh Hospital	05 (Major Injured) 01 (Death)	05
2.	Kukreja Hospital	02 (Minor Injured)	
3.	ESI Hospital	02 (Minor Injured)	

5. Time log of Emergency Support Functionaries ESFs Detail

S.No	Name of Department	Call Time	Response Time	Personal	Equipment
1	PCR	10:45 AM	11:08 AM	Constable/Head Ct.	05 PCR
2	DTC	10:56 AM	11:20 AM	Driver & helper	01 Bus
3	Ambulance	10:46 AM	11:14 AM 11:20 AM	01 Doctor & 2 Nurse	03- CATs Ambulance 01 - Kukreja Hospital
4	PWD	11:13 AM	12:11 AM	01 JE with staff (03)	01 JCB
5	MCD Basai Darapur	11:01 AM	11:30 AM	JE with staff member	Truck
6	Delhi Police	11:00 AM	11:18 AM	01 ACP, Rajouri Garden 01 SHO with 12 staff member	01 ERV
7	Traffic Staff	10:47 AM	11:10 AM	02 Staff member	01 Gypsy
8	Delhi Jal Board	11:12 AM	11:20 AM	06 Staff member	01 JET Machine

9	CDMO (Medical Team)	11:11 AM	11:20 AM	02 teams with 06 medical staff	QRT From CDMO office
14	DFS	11:15 AM	11:23 AM	04 staff	01 tender
15	DM Center, MCD	11:00 AM	11:19 AM	06 Staff member	01 JCB & 01Truck
16	ARMY Observer	-	11:24 AM	Major Sh. Patel	
17	Food & Civil Supply	10:50 AM	11:08 AM	02 Staff Member	-
18	BSES	11:02 AM	No Response	-	-
19	MTNL	11:04 AM	11:25 AM	02 staff member	With equipment
20	Divison Warden , CD	10:48AM	11:07 AM	79 CDVS	-

Search & Rescue operation at MCD office Rajouri Garden



INCIDENT COMMAND MCD OFFICE

SURENDER KUMAR (TEHSILDAR - RG)
INCIDENT COMMANDER

COMMAND
STAFF



MS BHAWNA, PC-DDMA,
INFORMATION/
LIAISON Officer

OPERATIONS SECTION TEAM
Civil Defence DFO West, E.E. & FC, SHO
Punjabi Bagh, Education Officer, Medical
Team, BSES, MTNL MCD, DDE, Food and
Supply and PWD

Incident Commander Report: MCD office Rajouri Garden

OFFICE OF THE DISTRICT MAGISTRATE (WEST)
DISTRICT DISASTER MANAGEMENT AUTHORITY (WEST)
GOVERNMENT OF THE NCT OF DELHI
OLD MIDDLE SCHOOL COMPLEX, RAMPURA, DELHI-35,
PH:0211-27397814

Subject: - Mock Exercise Report- Learning's

Mock Exercise site: - MCD Office Rajouri Garden

Date: - 30 June 2017

Sub. Division: - Rajouri Garden

Scenario of Mock Exercise: - Building collapse and fire due to earthquake

Task Force 4 was deployed at MCD Office Rajouri Garden with Sh. Surender Kumar, (Tehsildar, Rajouri Garden) as Incident Commander. The other team members at site were Smt. Bhavna Solanki, (Project Coordinator, DDMA) as Liaison Officer/Resource unit leader and Sh. Robin as Information assistant. Few successes and short comings observed during the mock exercise were:

Successes:

- All Esf's were very swift at reporting and Delhi fire service along with CDV's performed the search & rescue operations effectively.
- The Team of doctors and paramedical staffs from CDMO office carried out the first aid process promptly.
- Ambulance services reached the site swiftly and evacuated the casualties to the nearest hospital.
- Disaster management center, MCD was prompt in sending one JCB with 9 staff for clearing debris in building collapse scenario.
- The crowd management was effectively done by DDMA staff and CDV's.

Short-comings

- The road just outside MCD office is very congested and parking on road as well as traffic was not properly managed by traffic police present at site. This created hindrance in the movement of emergency vehicles.
- There was lack of seriousness towards mock exercise in the staff of MCD office, which can be a reason of poor response towards any Disaster situation in future.
- PWD Staff misinformed about availability of JCB at site, they did not get any JCB.
- BSES Staff though reported at site initially but was not there during rescue operation.

In the end, we can conclude that, the representatives of all departments appreciated the efforts of all the ESFs who participated in the mock drill. All the ESFs will try to improve and implement the suggestions which came up during the entire mock exercise.


(SURENDER KUMAR)
Tehsildar (Rajouri Garden)

5. Moment Mall, Kirti Nagar

Call start time	11:30 AM
End time	12:27 PM

1. Incident Commander: **Sh. Amit Kumar, SDM (RG)**

2. Observer: Nil

3. Casualty Detail

Major	03
Minor	09
Death	03

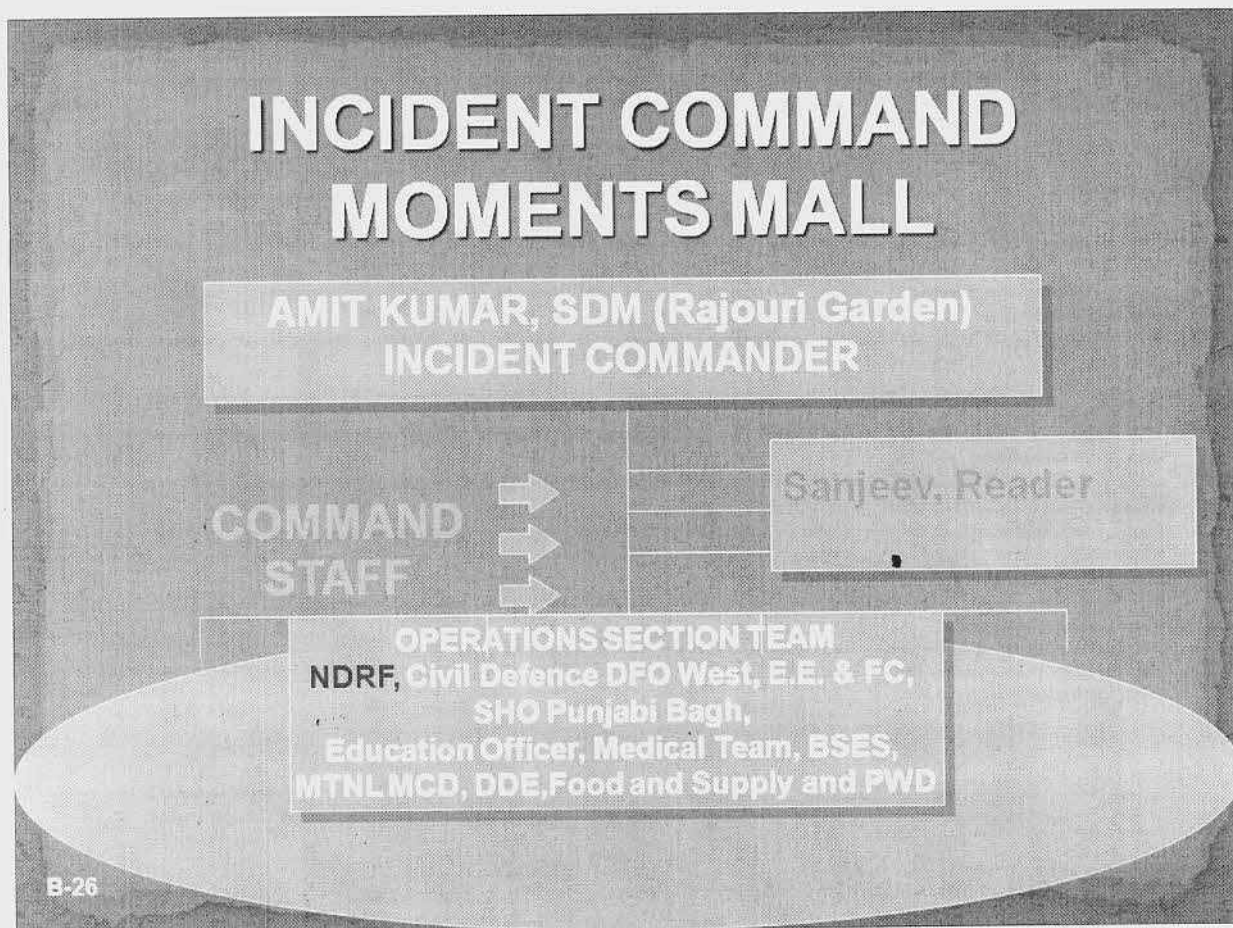
4. Details of casualties sent to different neighboring hospitals:-

S.No	Name of the Neighboring Hospital	Number of Casualties Sent	First Aid at Incident Site
1.	Acharaya Bhikshu Hospital	03 (Major Injured)	09
3.	Acharaya Bhikshu Hospital	03 (Death)	

4. Time log of Emergency Support Functionaries ESFs Detail

S.No	Name of Department	Call Time	Response Time	Personal	Equipment
1	PCR	11:31 AM	11:37 AM	Constable/Head Ct.	03 PCR
2	DTC	11:39 AM	12: 00 PM	Driver & helper	01 Bus
3	CATs Ambulance	11: 35 AM	11:38 AM	01 Doctor & 2 Nurse	03- Ambulance
4	PWD	11:38 AM	12:03 PM	AE with Staff (01)	01 JCB
5	MCD	11:36AM	11:58 AM	AE with staff (12)	
6	Delhi Police	11:33 AM	11:39 AM	01 SHO with 12 staff member	01 ERV
7	Traffic Staff	11:34 AM	11:45 AM	04 Staff member	01 Gypsy
8	Delhi Jal Board	11:40 AM	12:04 PM	06 Staff	01 Water Tanker
9	CDMO (Medical Team)	11:32 AM	11:40 AM	02 teams with 06 medical staff	QRT From CDMO office

10	Fire Tender	11:31 AM	11:39 AM	06 -Staff	02 – Tender
11	NDPL Team	11:41 AM	12:06 PM	05 –Staff Member	With Equipment
12	St. Jones Ambulance	11:32 AM	11:39 AM	05 Staff Member	01- Ambulance
13	NDRF Team	-	11:44 AM	40 Soldiers	Full Equipment
14.	Divison Warden , CD			97 CDVs	



Incident Commander Report: Movements Mall

OFFICE OF THE DISTRICT MAGISTRATE
DISTRICT DISASTER MANAGEMENT AUTHORITY (WEST)
GOVERNMENT OF THE NCT OF DELHI
OLD MIDDLE SCHOOL BUILDING RAMPURA, DELHI-110035
PH: 011-27397814, 27396629

Report: Earthquake Mock Exercise - Learning's

Mock Exercise site: - Moments Mall Kirti Nagar

Date of State Level Mock Exercise:-30/06/2017

Sub Division: - Rajouri Garden

Scenario of the Mock Exercise: - Stampede and Building Collapse

Task force 5 was formed at Staging Area and deployed by Staging Area Manager with Sh. Amit Kumar (SDM, Rajouri Garden) as Incident Commander. The other team Members at site was Sh. Sanjeev Kumar (Reader, SDM Rajouri Garden) as a liaison officer /Resource Unit Leader, Sh. Praveen (IT Programmer) and representatives of other departments. Few successes and short coming were observed during the Mock Exercise:

Successes:

- National Disaster Response Force (NDRF) has finished search and rescue work professionally and demonstrated to bring down the live causality safely with the help of rope from third floor (approx. 50 feet) of Moments Mall Kirti Nagar.
- Civil Defence Volunteer reported in large numbers beyond expectation and they involved assigned activities whole heartily.
- MCD- Disaster Management Center of Raghbir Nagar was prompt in sending equipments with their staff for clearing Building debris.
- The medical team was working in professional manner to handle and dressing the injured persons and the contribution of private medical services was appreciable.

Short-comings:

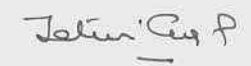
- NDRF team has not reached along with other members of task force and they reached after 15 minutes of other task force members.
- PWD team has not reported in staging area as well as incident site. This shows that lack of seriousness towards the Disaster Mock Exercise by the staff of PWD.
- Some team members of ESFs started evacuation, search and rescue without proper briefing which may put their life at risk.

Recommendations:

- The Quick Response Vehicle (QRV) may be provided in each sub division of district to minimize the response time at any crises situation.
- All the ESFs team should follow direction of team leader for ensuring their safety before starting the operation.
- All the ESFs may modify their SOPs, if required on the basis of experience gained during Mock Exercise to improve their contribution in future.


(Amit Kumar)

SDM (RG)/Incident Commander
Task Force-5


Jatin Goyal
SDM(PN)/(HQ-DDMA)
District (West)