

## Basic Training on CBRN Emergency Management for Seaport Emergency Handlers (SpEH)

Venue:Kandla Seaport

(10-14June 2019)

Sessions Day	I 10:00- 10:45	II 10:45 – 11:30	T e a k  B r e a k	III 11:45-12:30	IV 12:30- 13:15	L U N C H B R e a k	V 14:00-14:45	VI 14:45-15:30	T e a k	VII 15:30-16:15	VIII 16:15-17:00
1. (10 June)	Inaugural Session (Registration of Participants will start at 09:15 am)  IPA/Port	Invited Talk  Dr. Tarun Sekhri, Dir. INMAS		CBRN Overview and Case Studies with focus on port vulnerability  Dr. Tarun Sekhri Dir. INMAS			Safe handling& transport of chemicals at Seaport  Kandla Safety Expert & Regional & State experts (Jamnagar Refinery & GFSU, GIDM)			Toxic industrial chemicals/petrochemical hazards and mitigation strategies at Seaport  Dr. Rajeev Goel	
2. (11 June)	Basics of radiation, types, properties, effects, units  NDMA/BARC  Shri S.K.Garai, NDMA	Monitoring, transport, packaging, contamination, control, decontamination rad waste. Dr Nand Kumar ,Retd. AERB		Medical-CBRN Safety framework in ports  Doctor, Kandla Port	Safety & Regulatory aspects of radiological emergency management in Seaport Dr Nand Kumar ,Retd. AERB		Radiation monitoring of Cargo load at Seaport  Shri Suresh Babu, ECIL	Institutional framework For Disaster Management IRS & Pre-hospital Dr Nand Kumar ,Retd. AERB		Department, measuremen ts, limits, bio- effects, quantities, hazards, safety Sudhirsinh Vala, IPR, Gandhinag ar	Detection and search of radioactive source Shi Mitul Abhangli . IPR, Gandhinag ar
3. (12 June)	Emergency, framework, roles and responsibilities, cordoning criteria, sizes  Major Gen. V.K. Naik, NDMA	Safe handling and transportation of Biological materials and associated Hazards& mitigation strategies and EM at Seaport  Dr. Reena Wilfred, INMAS		Psychosocial Issues with CBRN emergencies & demo activities at Seaport  Dr. Reena Wilfred, INMAS			Institutional framework For Disaster Management Hospital:  Dr, Aseem Bhatnagar, INMAS	Decontamin ation methodologi es of CWAs/BWAs/ RAs  Dr. Dhruv Kumar Nishad		Medical Management of CBRN Emergency  Dr Aseem Bhatnagar, INMAS	
4. (13 June)	(i) NDRF Role and response mechanism in CBRN EM (ii) SDRF role & response in CBRN EM (iii) Coordination Conference with stakeholders involved in Seaport Safety  NDMA, NDRF, SDRF, INMAS (Pradeep Goswami)	Table Top Exercise :Reviewing of Role of various Stakeholders / SpEH based on worst case scenario  NDMA & NDRF& INMAS (Pradeep Goswami/ A Bhatnagar)		Display of CBRN equipment and practical  NDMA, NDRF& INMAS (Pradeep Goswami/ Dr. Dhruv K. Nishad)			Quiz/ Written test& Feedbacks  NDRF, NDMA, INMAS			Debriefing session  NDRF, NDMA, VINOD KAUSHIK, INMAS	
5. (14 June)	Mock exercise/ Sensitization  NDMA, NDRF, Distt Admn, SDRF, INMAS	Mock exercise/ Sensitization  (Cont.)  NDMA,NDRF, SDRF		Panel discussion  NDMA/INMAS (Jamnagar Airforce stn, Jam nagar refinery, GFSU, GIDM)		Group Photo, Valedictory and Closing  IPA					