

Technology and Environmental Protection Station

Neuhöfer Brückenstraße 2
21107 Hamburg
Phone: +49 40 42 851 - 3202
Fax: +49 40 42 851 - 3209
E-Mail: TechnikundUmweltschutzwache@feuerwehr.hamburg.de

Head of station
Thorsten Grams
Phone: +49 40 42 851 - 3201
Fax: +49 40 42 851 - 3209

Fire Service Hamburg Operation Centre

Wendenstraße 251
20537 Hamburg
Phone: + 49 40 4 2851 - 4205
Fax: + 49 40 42 851 - 4209

Analytische Task Force
Knut Storm
Phone: + 49 40 42 851 - 4214
Fax: + 49 40 42 851 - 4209

Requested: Analytical Task Force
Via Situation Centre Fire Service Hamburg
Emergency number 112

Or via German Joint Information and Situation Center (GMLZ)
Phone: +49 228 99 550 2199
Fax: +49 228 99 550 2189



HAZARD 2017



ChemRad 2017

Emergency response to an incident involving chemicals and subsequent decontamination of affected persons

Full-scale exercise on 13 May 2017 in the framework of the EU-project HAZARD involving the Hamburg Ministry of Environment and Energy (BUE), Hamburg Police Department (P), the Hamburg Ministry of Health and Consumer Protection (BGV) – here: ASKLEPIOS Clinic Harburg as well as the University Hospital Eppendorf and supported by students of the University of Applied Sciences Hamburg (HAW).

The Technical University Hamburg (TUHH), the Hamburger Hafen und Logistik AG (HHLA) and the Fire and Rescue Service Hamburg are partners of the Interreg-Project HAZARD within the EU Strategy for Baltic Sea Region.

The aim of the HAZARD project is to increase substantially the safety of European seaports. The Fire and Rescue Service Hamburg participates in this EU-project, among other things, by conducting three large-scale exercises in 2016, 2017 and 2018

Training objectives:

- Project objectives according to the EU-project „HAZARD“.
- Support by BUE in the river Elbe (“*Southern Elbe*”)
- Training of DeconP (decontamination of affected persons) and CBRN-investigation vehicle of the voluntary fire service units
- DeconP and DeconV (decontamination of injured persons)
- Cooperation with BUE units, assigned companies and the BGV
- Cooperation with the plant fire department of Nynas
- Cooperation with the tank terminal Shell
- Cooperation with the Police
- Reviewing the work of the command centre and improvement of communication.
- Reviewing databases and improvement of data collection as well as exchange of data

Scenario:

Material testing of pipelines is being conducted at the premises of a company. The radioactive source indicates high activity in Terabecquerel (TBq) range. At the same time, an inland waterway vessel collides with a tanker. The tanker strands and heavy fuel oil is leaking out. The inland water vessel is badly damaged, but can make it to the port. Immediately after it docked at the port a damaged containment of a 20 ft. gas container UN 1079, sulfur dioxide, breaks open, releasing huge quantities. Aerosol is spread by the winds. About 75 staff members doing inspection work at the pipeline systems are being contaminated.

The crew members of the inland waterway vessel make an emergency call and manage to go ashore, though injured. The plant fire department triggers an alarm and the command centre is alerted. Staff members of the material testing company are leaving their workplace in panic without retracting the radioactive source due to the alert triggered and the impairment caused by released gases. The vessel crew is running into danger because of the cone of rays of the radioactive source.