

Brand på en destillationsanläggning i petrokemisk industri.

941107 MARS 1994_01

Vid reparationsarbete på en bensinstabiliseringskolonn antändes bensin och en anställd omkom till följd av de brännskador han ådrog sig.

Inblandade ämnen och mängder

	CAS Nr.	Mängd
brandfarlig vätska		800-1500 kg

Skador:

Människor: 1 person omkom i branden.
Materiella: Begränsade brandskador på anläggningen.
Miljö/ekologi: Inga effekter rapporterade.
Infrastruktur: Inga

Erfarenheter redovisade (Ja/Nej): Nej

Report Profile

Identification of Report:

country: FA ident key: 1994_001_01

reported under Seveso I directive as major accident reports: SHORT

Date of Major Occurrence: Time of Major Occurrence

start: 1994-11-07 start:

finish: finish:

Establishment:

name:

address:

industry: - not applicable -

Distillation or Refining or other mechanical Treatments of Petroleum or Lubricant

Refining

Seveso II status: not applicable: Yes art. 6 (notification): No

art. 7 (MAPP): No

art. 9 (safety report): No

Date of Report:

short: full:

Authority Reporting:

name:

address:

Authority Contact:

rep_cont_name:

rep_cont_phone:

rep_cont_fax:

Additional Comments:

- a) - not applicable -
- b) - not applicable -
- c) - not applicable -
- d) - not applicable -
- e) - not applicable -

Short Report

country: FA ident key: 1994_001_01

Accident Types:

release: No explosion: No

water contamination: No other: No

fire: Yes

description:

During repair works a gasoline stabilization column, in the crud coil station plant, was put out of gear. The repair works were necessary for exchanging a leaky nest of boiler tubes of a water cooler. For this the column system should be cl... see Appendix Short Report / description of accident types

Substance(s) Directly Involved:

toxic: No explosive: No

ecotoxic: No other: No

flammable: Yes

description:

High flammable liquid (ca 800 ~ 1500 kg)

Immediate Sources of Accident:

storage: No transfer: No

process: No other: No

description:

- not applicable -

Suspected Causes:

plant or equipment: No environmental: No

human: No other: Yes

description:

The cause of the benzine ignition is still unknown

Immediate Effects:

material loss: Yes

human deaths: Yes

human injuries: No community disruption: No

other: No

ecological harm: No

national heritage loss: No

description:

One person killed by the fire;

Material damage amounting at 1.300.000 DM

Emergency Measures taken:

on-site systems: Yes **decontamination:** No

external services: Yes **restoration:** No

sheltering: No **other:** No

evacuation: No

description:

The fire was put under control and then extinguished by the internal fire brigade and by the firemen of the city of Karlsruhe.

Immediate Lessons Learned:

prevention: No **other:** No

mitigation: No

description:

- not applicable -

Appendices for the FA / 1994_001_01 report

Appendix Short Report / description of accident types:

During repair works a gasoline stabilization column, in the crud oil station plant, was put out of gear. The repair works were necessary for exchanging a leaky nest of boiler tubes of a water cooler. For this the column system should be cleared and inerted, so the inlet and the outlet pipes in the water cooler had to be set out by plugs; the column system was closed, emptied by pumps, tempered and rinsed by steam.

The gasoline still remaining near the extraction pump, in the lower points was under constant control of weak flowing off of discharging quantities like water addition for cooling and dilution. Nevertheless the escaping gasoline ignited. Consequently caused to the competent plant driver the worst fire injuries, which caused his death.