

Utsläpp och brand på en petrokemisk anläggning.

940724

MARS 1994_15

mycket kort

Olyckan inträffade på en petrokemisk anläggning till följd av ett läckage i en rörledning vid utflödet från krackningsanläggningen. Utsläppet av brandfarliga substanser antändes, exploderade och orsakade en brand. Branden bekämpades av företagets interna brandkår i samarbete med räddingstjänsten och släcktes efter 75 timmar.

Inblandade ämnen och mängder

	CAS Nr.	Mängd
brandfarliga gaser och vätskor kolväten av olika slag		under utredning

Skador:

Människor:	26 anställda behandlades för skär- och skrubbsår. 1 av dem fick tillbringa natten på sjukhus.
Materiella:	Omfattande skador på återvinningsanläggningen. Fönster krossades på byggnader i närområdet.
Miljö/ekologi:	Inga effekter rapporterade.
Infrastruktur:	Inga närmare uppgifter.

Erfarenheter redovisade (Ja/Nej):

Kortfattat anges förebyggande åtgärder.

Report Profile

Identification of Report:

country: FA ident key: 1994_015_01

reported under Seveso I directive as major accident reports: SHORT

Date of Major Occurrence: Time of Major Occurrence

start: 1994-07-24 start: 13:20:00

finish: 1994-07-27 finish: 07:00:00

Establishment:

name:

address:

industry: - not applicable -

Petrochemicals

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_015_01

Accident Types:

release: No **explosion:** Yes

water contamination: No **other:** No

fire: Yes

description:

Release of flammable material, subsequent ignition followed by explosion and fires affecting Refinery Process units which led to a serious danger to persons inside the installation.

Substance(s) Directly Involved:

toxic: No **explosive:** No

ecotoxic: No **other:** No

flammable: Yes

description:

Flammable gases and highly flammable liquids as defined in CIMAH Regulations, Schedule 1(c) (j) and (jj).
Quantities lost under investigation.

Immediate Sources of Accident:

storage: No **transfer:** No

process: Yes **other:** No

description:

Pipeline on outlet of process vessel connected to refinery flare system. Process vessel located in fluid catalytic cracking unit.

Suspected Causes:

plant or equipment: Yes **environmental:** No

human: No **other:** No

description:

Rupture of pipeline leading to release of flammable material.

Immediate Effects:

material loss: Yes

human deaths: No

human injuries: Yes **community disruption:** Yes

other: No

ecological harm: No

national heritage loss: No

description:

26 on-site personnel treated for minor cuts and abrasions: one hospitalised overnight. Major damage to refinery process plant. A number of off-site properties sustained primarily window damage.

Emergency Measures taken:

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

external services: Yes **restoration:** No

sheltering: No **other:** No

evacuation: No

description:

Full on-site emergency measures taken. External services supplied 130 fire fighters and 30 appliances on 24.7.94. On 25.7.94, scaled down to 6 appliances and subsequently 2 appliances on 27.7.94.

Immediate Lessons Learned:

prevention: No **other:** No

mitigation: No

description:

not known at this time; under investigation.