

APPENDIX R

Past Incidents

No.	Records	Request
1	361	lpg
* 2	86	KEROSENE

Record 1 of 24 - MHIDAS

AN: 5969
 CR: SRD
 DA: 01/12/92
 LO: ANKARA; ; TURKEY
 MN: LPG
 MH: FI-fire
 MC: 1075
 IT: FIRE; EXPLODE-explosion
 OG: TRANSPORT; ROADTANKER-road-tanker
 NP: Killed: 22; Injured: ; Evacuated:
 GC: IMPACT-impact-failure
 SC: ROADACC-road-accident,-no-other-vehicle
 AB: ROAD TRAFFIC ACCIDENT INVOLVING LPG TRUCK RESULTED IN LARGE FIRE & EXPLOSION.
 RA: 1

Record 2 of 24 - MHIDAS

AN: 5960
 CR: SRD
 DA: 23/11/92
 LO: CALI; ; USA
 MN: LPG
 MT: LIQUID
 MH: FI-fire
 MC: 1075
 IT: FIRE
 OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
 AB: TANK FARM FIRE TOOK 7 HOURS TO GET UNDER CONTROL. 1 OF 20000gall TANKS DESTROYED, AND 7 WERE WARPED IN INTENSE HEAT. BUND WALL WAS BREACHED FLUSHING PETROL/WATER MIXTURE TO STORM SEWERS & RIVER BEFORE BEING SUCKED UP BY TRUCKS.
 RA: 2

Record 3 of 24 - MHIDAS

AN: 5896 B
 CR: SRD
 DA: 30/09/92
 PD: T-town
 LO: TUEN MUN; ; CHINA
 MN: LPG
 MT: PLGAS-pressurised-liquified-gas
 MH: FI-fire
 MC: 1075
 IT: FIRE; EXPLODE-explosion
 OG: TRANSPORT; PACKAGE-portable-transport-containers
 GC: EXTERNAL-external-events
 SC: SABOTAGE-sabotage-or-vandalism
 KW: EYEWITNS-Includes eyewitness account(s); PHOTO-Hard copy contains photograph(s); TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: GROUP OF YOUTHS SEEN LIGHTING FIRE UNDER TRUCK FULLY LOADED WITH KEROSENE. CANS ON TRUCK EXPLODED SETTING OFF EXPLOSIONS IN OTHER LORRY LOADED WITH SMALL CYLINDERS OF LPG. FIREBALLS BLEW OUT WINDOWS. 23 VEHICLES AFFECTED. LORRY DRIVER ASLEEP NEARBY FLAT.
 RA: 1

Record 4 of 24 - MHIDAS

AN: 5401
CR: SRD
DA: 23/02/92
LO: KWANGJU; ; SOUTH KOREA
MN: LPG
MH: FI-fire
MC: 1075
IT: FIRE
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: ; Injured: ; Evacuated: 20 x 10E3
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
AB: EXPLOSION & HUGE FIRE AFTER BRAKE FAILURE CAUSED TRUCK UNLOADING LPG
TO REVERSE INTO STORAGE TANK. THREE GAS STORAGE TANKS ABLAZE. 20,000
EVACUATED.
RA: 1

Record 5 of 24 - MHIDAS

AN: 4117
CR: WORKSAFE
DA: 01/04/90
LO: ST.PETERS; NEW SOUTH WALES; AUSTRALIA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: BLEVE; FIREBALL
OG: STORAGE-storage-plant; PSVESSEL-pressurised-storage-vessels
NP: Killed: 0; Injured: 0; Evacuated: 0.6 x 10E3
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire
QY: >400
KW: COMPANY-Firm or company involved; PUBLIC-Public reaction to the
incident; PHOTO-Hard copy contains photograph(s); KNOCK-ON-Describes any
knock-on or domino type effects caused; EXTENT-Extent of the damage
caused.
AB: 1 OF 4 100te LPG CYLINDERS AT A GAS DEPOT BLEVED & ROCKETED A 200m
INTO A CANAL. MASSIVE FIREBALL REACHING 2km PRODUCED. HUNDREDS OF SMALLER
EXPLOSIONS FOLLOWED AS MORE TANKS & CYLINDERS GOT INVOLVED. UPTO 50000
PEOPLE EVACUATED. WIDESPREAD DESTRUCTION.
RA: >10

Record 6 of 24 - MHIDAS

AN: 3638
CR: WORKSAFE
DA: 19/09/88
LO: TAMWORTH; NEW SOUTH WALES; AUSTRALIA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: VAPFIRE-vapour-or-flash-fire
OG: STORAGE-storage-plant; PSVESSEL-pressurised-storage-vessels
NP: Killed: 0; Injured: 2; Evacuated:
GC: MECHANICAL-mechanical-failure
SC: VALVE-leaking-or-passing-valve
IS: FLAME-naked-flames; MATCH-matches
KW: PHOTO-Hard copy contains photograph(s); LEGALITY-Information on any

laws which were broken or which were important mitigating factors
AB: 2 MEN TAKING A SHORTCUT, STOPPED TO LIGHT A CIGARETTE. THE MATCH
FLARED BUT BEFORE THE FLAME REACHED THE CIGARETTE AN EXPLOSION ENGULFED
THE MEN. GAS ESCAPED FROM VALVE ON LPG TANK NEAR MAIN STREET. OTHER LPG
TANKS DID NOT IGNITE.
RA: 2

Record 7 of 24 - MHIDAS

AN: 372 B
CR: SRD
DA: 11/02/80
PD: T-town
LO: STOKE ON TRENT; STAFFORDSHIRE; UK
MN: AEROSOLS
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1950
IT: EXPLODE-explosion; FIRE
OG: WAREHOUSE; PACKAGE-portable-transport-containers
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ 1.5 x 10E6
GC: MECHANICAL-mechanical-failure
QY: 49
IS: ELECTRIC-electric-sparks; VEHICLE-vehicle-electrics
KW: FACTORS-Aggravating or mitigating factors; EXTENT-Extent of the
damage caused; ADVICE-Contains recommendations to prevent repetitions of
the incident; PHOTO-Hard copy contains photograph(s)
AB: WAREHOUSE CONTAINED 2.5 MILLION AEROSOL CANS. FORKLIFT TRUCK
TRANSFERRING REJECT LPG CANISTERS TO LORRY . SPARK FROM FORKLIFT MOTOR
IGNITED LEAKAGE OF LPG . THREE MAJOR EXPLOSIONS OCCURRED WHICH BLEW IN
WINDOWS OF NEARBY SHOPS AND HOUSES.
RA: 1

Record 8 of 24 - MHIDAS

AN: 2628
CR: SRD
DA: 02/06/61
LO: PERRY; MICHIGAN; USA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: RELEASE; FIRE
OG: TRANSFER-loading,-unloading
IS: ELECTRIC-electric-sparks; INSTRUMENT-instruments
KW: KNOCK-ON-Describes any knock-on or domino type effects caused;
PHOTO-Hard copy contains photograph(s); MISSILES-Size and type of
missiles produced and/or the distances which they travelled
AB: AN LPG TANK TRUCK WAS BEING FILLED AT A LOADING DOCK, OPERATORS WENT
FOR COFFEE. CAUSE OF RELEASE NOT KNOWN, FIRE FIRST OBSERVED AT AN OPEN
FUSE BOX. FIRE SPREAD TO LOADING DOCK. SOME LPG CYLINDERS ROCKETTED.
RA: 1

Record 9 of 24 - MHIDAS

AN: 2575
CR: SRD
DA: 16/05/52
LO: CORPUS CHRISTI; TEXAS; USA
MN: KEROSENE
MT: LIQUID

MH: FI-fire
MC: 1223
IT: EXPLODE-explosion; POOLFIRE-pool-fire
OG: TRANSFER-loading,-unloading; ASVESSEL-storage-vessels,-atmospheric-
pressure
DG: US\$ 0.465 x 10E6
GC: HUMAN-human-factor
SC: DESIGN-design-error
IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: COMPANY-Firm or company involved; FACTORS-Aggravating or mitigating
factors; PHOTO-Hard copy contains photograph(s); PROCOND-Process
conditions at the time of the incident; RESPONSE-Emergency response to
the incident
AB: STATIC SPARK INITIATED EXPLOSION IN 80000bbl TANK DURING FILLING
OPERATION. FIRE SPREAD TO ADJACENT STORAGE/REFINERY AS KEROSENE FLOWED
THROUGH/OVER INADEQUATE BUNDING. TANK FARM/REFINERY/NEARBY HOUSES/STORES
SEVERELY DAMAGED.
RA: 1

Record 10 of 24 - MHIDAS

AN: 2568 A
CR: SRD
DA: 16/01/46
LO: FINDLAY; OHIO; USA
MN: KEROSENE
MT: LIQUID
MH: FI-fire
MC: 1223
IT: POOLFIRE-pool-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 3; Injured: ; Evacuated:
DG: US\$ 0.5 x 10E6
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire; EXTNLEXP-explosion
KW: PHOTO-Hard copy contains photograph(s); DETECT-Describes how the
incident was detected; FACTORS-Aggravating or mitigating factors;
PROGRESN-How the incident progressed or developed with time; RESPONSE-
Emergency response to the incident
AB: EXPLOSION IN 12000bbl ASPHALT TANK FOLLOWED RISE IN VAPOUR PRESSURE.
INADEQUATE SPACING/BUNDING CAUSED FIRE TO SPREAD TO OTHER
OIL/KEROSENE/GASOLINE TANKS. LACK OF WATER & FOAM HINDERED FIREFIGHTING
OPERATIONS.
RA: 1

Record 11 of 24 - MHIDAS

AN: 2541
CR: SRD
DA: 17/12/73
PD: T-town
LO: MOUNTAINVILLE; NEW YORK; USA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: FIRE; BLEVE
OG: STORAGE-storage-plant; PSVESSEL-pressurised-storage-vessels
NP: Killed: 0; Injured: 7; Evacuated:
DG: US\$ 0.075 x 10E6
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire
QY: 28

KW: DURATION-Duration of the incident; EXTENT-Extent of the damage caused; INJURIES-Types of, or causes of or degree of injuries; MISSILES-Size and type of missiles produced and/or the distances which they travelled; PHOTO-Hard copy contains photograph(s)
AB: FIRE AT STANDBY PROPANE FACILITY RESULTED IN BLEVE OF 12000gall LPG BULLET. SECTIONS ROCKETTED 250ft & 1240ft. ADJACENT TANK UPENDED & RELIEF VALVE CONTINUED TO OPERATE. INOPERATIVE HYDRANT HINDERED FIREFIGHTING. CAUSE OF FIRE NOT ESTABLISHED.
RA: 2

Record 12 of 24 - MHIDAS

AN: 2535 B
CR: SRD
DA: 28/05/59
LO: MCKITTRICT; CALIFORNIA; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: BLEVE
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 2; Evacuated:
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire
KW: MISSILES-Size and type of missiles produced and/or the distances which they travelled; PROGRESN-How the incident progressed or developed with time; KNOCK-ON-Describes any knock-on or domino type effects caused
AB: LPG ESCAPED FROM TANK WHEN PIPE NIPPLE FAILED DURING WATER-BLEEDING OPERATION. GAS IGNITED AT GAS-FUELLED ENGINE 50ft AWAY. TANK BLEVED 10mins LATER THROWING MISSILES 2250ft. 5 OTHER LPG/PETROL TANKS ALSO FAILED. 2 EMPLOYEES INJURED.
RA: 1

Record 13 of 24 - MHIDAS

AN: 2307
CR: SRD
DA: 23/05/80
PD: T-town
LO: COLOGNE; ; GERMANY
MN: KEROSENE
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion; FIREBALL
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 2; Evacuated: >0.1 x 10E3
QY: 1600
AB: KEROSENE LEAK FROM 2000m3 TANK ON HYDROGENATION PLANT CAUGHT FIRE. BLAZE SPREAD TO TANK AND CONTENTS EXPLODED. RESIDENTS FROM HOUSES SURROUNDING PLANT EVACUATED.
RA: 1

Record 14 of 24 - MHIDAS

AN: 2173
CR: HSE
DA: 07/05/85
LO: PONTYPRIDD; WEST GLAMORGAN; UK
MN: LPG

MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: FIRE
OG: TRANSPORT; PACKAGE-portable-transport-containers
NP: Killed: 0; Injured: 0; Evacuated: 0 x 10E3
GC: MECHANICAL-mechanical-failure
SC: OVERHEAT-overheating
QY: 1.4
IS: ELECTRIC-electric-sparks; VEHICLE-vehicle-electrics
KW: EYEWITNS-Includes eyewitness account(s); MISSILES-Size and type of
missiles produced and/or the distances which they travelled; PHOTO-Hard
copy contains photograph(s); PROGRESN-How the incident progressed or
developed with time; ENQUIRY-Investigations, public enquiries, etc., into
the incident
AB: AN EXPLOSION INSIDE A VAN AFTER COLLECTING CYLINDERS CAUSED A FIRE
WHICH SPREAD TO THE LOAD OF 102 CYLINDERS CAUSING 12 TO RUPTURE OF WHICH
3 FLEW UP TO 200 metres, DAMAGING A SUPERMARKET.
RA: 2

Record 15 of 24 - MHIDAS

AN: 2113
CR: SRD
DA: 09/12/59
PD: T-town
LO: SACRAMENTO; CALIFORNIA; USA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: RELEASE; FIRE
OG: TRANSPORT; TANKCONTNR-tank-container
GC: IMPACT-impact-failure
IS: HOTSURFACE-hot-surface; VEXHAUSTS-vehicle-exhausts
KW: DISPERSE-Dispersion of material
AB: A TANK CONTAINER FELL FROM A FORK LIFT TRUCK BREAKING THE RELIEF
VALVE. THE ENGINE OF THE FORK LIFT TRUCK IMMEDIATELY IGNITED THE VAPOUR.
RA: 1

Record 16 of 24 - MHIDAS

AN: 1978
CR: SRD
DA: 12/08/53
LO: TECUMSEH; MICHIGAN; USA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: FIRE; EXPLODE-explosion
OG: STORAGE-storage-plant; PACKAGE-portable-transport-containers
DG: US\$ 0.005 x 10E6
GC: MECHANICAL-mechanical-failure
SC: HOSE
IS: FRICSPARK-friction-sparks; INCAND-incandescent-particles
KW: PROGRESN-How the incident progressed or developed with time;
MISSILES-Size and type of missiles produced and/or the distances which
they travelled; RESPONSE-Emergency response to the incident
AB: TRANSFER HOSE CAME LOOSE WHILE FILLING SMALL CYLINDER WITH LPG.
IGNITED BY CONNECTION ON HOSE LOOSE END STRIKING CYLINDER. FIRE SPREAD
THROUGH WOODEN LOADING DOCK + ENGULFED STOCK OF 100lb LPG CONTAINERS. 12
FAILED, SOME ROCKETING OUTSIDE THE PLANT AREA.
RA: 1

Record 17 of 24 - MHIDAS

AN: 1976
CR: SRD
DA: 27/06/61
PD: T-town
LO: DALLAS; TEXAS; USA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: VAPFIRE-vapour-or-flash-fire; EXPLODE-explosion
OG: DOM/COM-domestic-or-commercial; PACKAGE-portable-transport-
containers
NP: Killed: 1; Injured: 3; Evacuated:
DG: US\$ 0.08 x 10E6
GC: IMPACT-impact-failure
SC: HVYOBJECT-heavy-object
KW: EYEWITNS-Includes eyewitness account(s); INJURIES-Types of, or
causes of or degree of injuries; MISSILES-Size and type of missiles
produced and/or the distances which they travelled; PROGRESN-How the
incident progressed or developed with time; PHOTO-Hard copy contains
photograph(s)
AB: LPG CYLINDERS DROPPED WHILE LOADING TO TRUCK. VALVE BROKE + GAS
IGNITED BY UNKNOWN SOURCE. FLAME BURNED BACK TO CYLINDER WHICH EXPLODED.
BRICKS BLOWN OVER ADJACENT STREETS. 4 WORKERS SEVERLY BURNED, 1 DIED
LATER OF INJURIES.
RA: 1

Record 18 of 24 - MHIDAS

AN: 1964
CR: SRD
DA: 06/04/53
LO: AUGUSTA; MAINE; USA
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: FIRE; CONTREL-continuous-release
OG: STORAGE-storage-plant; PACKAGE-portable-transport-containers
GC: EXTERNAL-external-events; MECHANICAL-mechanical-failure
SC: EXTNLFIRE-fire; RELIEFVALV-relief-valve-failure
IS: FLAME-naked-flames
KW: RESPONSE-Emergency response to the incident; DETECT-Describes how
the incident was detected; PHOTO-Hard copy contains photograph(s);
PROGRESN-How the incident progressed or developed with time
AB: FIRE IN CHARGING ROOM OF LPG DISTRIBUTION PLANT CAUSED VALVES TO
OPEN ON LPG CYLINDERS STORED OUTSIDE. 700 100lb AND 200 20lb CYLINDERS
INVOLVED IN INTENSE FIRE. SOME CYLINDERS RUPTURED BEFORE VALVES OPENED.
FIREFIGHTING HINDERED BY THREAT OF EXPLOSION.
RA: 1

Record 19 of 24 - MHIDAS

AN: 1863
CR: SRD
DA: 17/01/56
LO: LAKE CHARLES; LOUISIANA; USA
MN: KEROSENE
MT: LIQUID
MH: FI-fire

MC: 1223
IT: CONEXP-confined-explosion
OG: TRANSFER-loading,-unloading; SHIP
DG: USS 3.172 x 10E6
GC: VREACTION-violent-reaction
SC: CONEXP-confined-explosion
IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: ENQUIRY-Investigations, public enquiries, etc., into the incident;
FACTORS-Aggravating or mitigating factors; KNOCK-ON-Describes any knock-
on or domino type effects caused
AB: EXPLOSION IN MID-SECTION OF TANKER LOADING KEROSENE DUE TO DISCHARGE
OF STATIC ELECTRICITY GENERATED BY SPLASHING AND TURBULENCE. EVIDENCE
THAT A BULKHEAD LEAK BETWEEN TANKS WAS DISCOVERED JUST PRIOR TO LOADING
OF KEROSENE.
RA: 1

Record 20 of 24 - MHIDAS

AN: 1474 B
CR: SRD
DA: 26/11/83
LO: LUZON; ; PHILIPPINES
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: FIRE
OG: TRANSPORT; SHIP
NP: Killed: 7; Injured: 0; Evacuated: 0 x 10E3
GC: EXTERNAL-external-events
SC: HIGHWINDS-high-winds
KW: STORCOND-Storage conditions; WEATHER-Weather conditions at the time
of, or during, the incident; EYEWITNS-Includes eyewitness account(s)
AB: 16300 dwt OIL TANKER OWNED "BASILAN" CARRYING CARGO OF
KEROSENE/GASOLINE WHEN HUGE WAVES FORCED OPEN TANK ACCESS COVERS.
PETROLEUM PRODUCTS SPILLED ACROSS DECK + IGNITED. 42 CREW RESCUED AS SHIP
SANK.
RA: 1

Record 21 of 24 - MHIDAS

AN: 1032
CR: SRD
DA: 30/04/84
PD: T-town
LO: MANAUS; AMAZONAS; BRAZIL
MN: KEROSENE
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release; FIRE
OG: TRANSFER-loading,-unloading; HOSE
GC: MECHANICAL-mechanical-failure
SC: HOSE
KW: COMPANY-Firm or company involved
AB: FIRE IN PUMP ROOM OF TANKER "AMAZON PIONEER" WHEN UNLOADING
KEROSENE. RELEASE DUE TO RUPTURE OF FLEXIBLE COUPLING.
RA: 1

Record 22 of 24 - MHIDAS

AN: 488
CR: SRD

DA: 20/03/79
LO: LINDEN; NEW JERSEY; USA
MN: LPG
MT: GAS
MH: FI-fire
MC: 1075
IT: EXPLODE-explosion; FIRE
OG: PROCESS-process-plant; PIPEWORK
NP: Killed: 0; Injured: 6; Evacuated:
DG: US\$ 17.5 x 10E6
GC: MECHANICAL-mechanical-failure
KW: COMPANY-Firm or company involved; TIMING-Timing of the incident,
time of day, shift, handover, lunch break, etc.; DURATION-Duration of the
incident; DISPERSE-Dispersion of material
AB: FAILURE OF DEAD-ENDED PIPE IN FLUID CATALYTIC CRACKING UNIT RELEASED
PROPANE/BUTANE. GAS CLOUD COVERED 1.5acres TO DEPTH OF 2m BEFORE
IGNITING. WATER SPRAYS INEFFECTIVE IN DISPERSING VAPOURS.
EXPLOSION/DEBRIS SEVERED PROCESS LINES FUELLING BLAZE.
RA: 2

Record 23 of 24 - MHIDAS

AN: 372 A
CR: SRD
DA: 11/02/80
PD: T-town
LO: STOKE ON TRENT; STAFFORDSHIRE; UK
MN: LPG
MT: PLGAS-pressurised-liquified-gas
MH: FI-fire
MC: 1075
IT: EXPLODE-explosion; FIRE
OG: WAREHOUSE; PACKAGE-portable-transport-containers
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ 1.5 x 10E6
GC: MECHANICAL-mechanical-failure
QY: 49
IS: ELECTRIC-electric-sparks; VEHICLE-vehicle-electrics
KW: FACTORS-Aggravating or mitigating factors; EXTENT-Extent of the
damage caused; ADVICE-Contains recommendations to prevent repetitions of
the incident; PHOTO-Hard copy contains photograph(s)
AB: WAREHOUSE CONTAINED 2.5 MILLION AEROSOL CANS. FORKLIFT TRUCK
TRANSFERRING REJECT LPG CANISTERS TO LORRY . SPARK FROM FORKLIFT MOTOR
IGNITED LEAKAGE OF LPG . THREE MAJOR EXPLOSIONS OCCURRED WHICH BLEW IN
WINDOWS OF NEARBY SHOPS AND HOUSES.
RA: 1

Record 24 of 24 - MHIDAS

AN: 324
CR: SRD
DA: 12/01/70
LO: AJJACIO; CORSICA; FRANCE
MN: KEROSENE
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONEXP-confined-explosion
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ 0.3 x 10E6
QY: 817
KW: COMPANY-Firm or company involved

AB: TWO TANKS CONTAINING ONE MILLION LITRES KEROSENE EXPLODED AT THE
ESSO STORAGE CENTRE.

RA: 1

No.	Records	Request
1	361	lpg
2	86	KEROSENE
3	1508	TANK
4	0	CLEANOUT
5	0	TANK CLEANOUT
6	139	CLEAN
7	230	DIESEL
* 8	113	TANKFIRE

Record 1 of 25 - MHIDAS

AN: 6182
 CR: AEA
 DA: 07/05/93
 LO: HONG KONG; ; HONG KONG
 MN: FUEL OIL RESIDUES
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: EXPLODE-explosion
 OG: TRANSPORT; SHIP
 NP: Killed: ; Injured: 2; Evacuated:
 GC: HUMAN-human-factor
 SC: PROCEDURES
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.; AREA-Size of the area affected; INJURIES-Types of, or causes of or degree of injuries
 AB: EXPLOSION AFTER LUNCH WHEN STARTING TO WELD ON BOW DECK OF DIESEL/KEROSENE TANK BARGE AT REPAIR YARD. TWO WORKERS INJURED, BLAST BLEW ONE ONTO NEXT VESSEL.
 RA: 2

Record 2 of 25 - MHIDAS

AN: 6016
 CR: SRD
 DA: 15/01/93
 LO: CAMPINAS; SAO PAULO; BRAZIL
 MN: DIESEL
 MT: LIQUID
 MH: FI-fire
 MC: 1223
 IT: FIRE; EXPLODE-explosion
 OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
 DG: US\$ 2 x 10E6
 GC: EXTERNAL-external-events
 SC: LIGHTNING
 QY: 6750
 IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
 KW: COMPANY-Firm or company involved
 AB: FIRE & EXPLOSION WHEN LIGHTNING STRIKE STRUCK DIESEL STORAGE TANK. INCIDENT CAUSED STRUCTURAL DAMAGE & LOSS OF 7.5m 1 DIESEL.
 RA: 2

Record 3 of 25 - MHIDAS

AN: 6004
 CR: SRD
 DA: 08/01/93
 LO: CAMPINAS; ; BRAZIL
 MN: DIESEL OIL
 MT: LIQUID

MH: FI-fire
MC: 1223
IT: FIRE; EXPLODE-explosion
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
DG: US\$ 2 x 10E6
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: 6400
IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: COMPANY-Firm or company involved
AB: FIRE & EXPLOSION IN STORAGE TANK CAUSED BY LIGHTNING STRIKE AT
REFINERY. 6400te DIESEL DESTROYED. LOSS ESTIMATE US\$2m.
RA: 1

Record 4 of 25 - MHIDAS

AN: 5698
CR: AEA
DA: 14/09/92
LO: LANDRAKE; ; UK
MN: OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release
OG: TRANSPORT; ROADTANKER-road-tanker
GC: MECHANICAL-mechanical-failure
SC: VALVE-leaking-or-passing-valve
QY: 3.68
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: PHOTO-Hard copy contains photograph(s); TIMING-Timing of the
incident, time of day, shift, handover, lunch break, etc.
AB: TANKER SPILLED 900galls DIESEL OIL THROUGH PIPE WHEN VALVE FAILED.
TRIBUTARY OF RIVER LYNHER POLLUTED THROUGH ROADSIDE DRAINS. ROAD SURFACE
HAD TO BE RE-LAID. 42 DUCKS BECAME COVERED IN OIL AND REQUIRED CLEANING.
RA: 3

Record 5 of 25 - MHIDAS

AN: 5256
CR: SRD
DA: 02/12/91
LO: ALTONA; ; AUSTRALIA
MN: FUEL OIL
MT: LIQUID
MH: FI-fire
MC: 1267
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
AB: SMALL FIRE BROKE OUT IN 650te FUEL OIL TANK. FIRE WAS BROUGHT UNDER
CONTROL, BUT SUBSEQUENTLY RE-IGNITED.
RA: 1

Record 6 of 25 - MHIDAS

AN: 4975
CR: SRD
DA: 17/11/86
LO: SELBY; ; UK
MN: DIESEL OIL
MT: LIQUID

MH: FI-fire
MC: 1223
IT: FIRE
OG: TRANSPORT; SHIP
AB: THREE MAN CREW OF TANK ESCAPED INJURY WHEN VESSEL CARRYING 420 TONS
DIESEL OIL CAUGHT FIRE. DAMAGE CONTAINED TO BOILER ROOM.
RA: 1

Record 7 of 25 - MHIDAS

AN: 4690
CR: SRD
DA: 25/02/91
LO: BAY CITY; MICHIGAN; USA
MN: OIL
MT: LIQUID
MH: FI-fire
MC: 1267
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: ; Injured: ; Evacuated: >0.001 x 10E3
AB: OIL STORAGE TANK BURNED FOR 2 HOURS AFTER TANK RESIDUE CAUGHT FIRE
DURING CLEANING. NO INJURIES BUT HOMES AND BUSINESSES EVACUATED AS
PRECAUTION.
RA: 1

Record 8 of 25 - MHIDAS

AN: 4610
CR: SRD
DA: 19/01/90
LO: CADEREYTA; ; MEXICO
MN: OIL
MT: LIQUID
MH: FI-fire
MC: 1267
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 4; Injured: ; Evacuated:
IS: FLAME-naked-flames
AB: FIRE PROBABLY CAUSED BY SPARK FROM WELDING TORCH CAUSED 8000 bbls OF
OIL TO BE BURNT.
RA: 1

Record 9 of 25 - MHIDAS

AN: 4532
CR: SRD
DA: 15/09/90
PD: T-town
LO: HOUSTON; TEXAS; USA
MN: FUEL OIL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: 5450

IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: COMPANY-Firm or company involved; TIMING-Timing of the incident,
time of day, shift, handover, lunch break, etc.
AB: LIGHTNING STRUCK 2.3million gall STORAGE TANK DURING STORM IGNITING
FUEL OIL CAUSING 'BLACK RAIN' TO FALL OVER SUBURB. 1.6mill gall
DISCHARGED FROM TANK BUT CONTAINED WITHIN BUND. NO INJURIES REPORTED.
RA: 4

Record 10 of 25 - MHIDAS

AN: 4448
CR: SRD
DA: 21/06/90
LO: KARKATEYEV; ; CIS
MN: OIL
MT: LIQUID
MH: FI-fire
MC: 1267
IT: TANKFIRE-tank-fire; CONTREL-continuous-release
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: 10000
IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
AB: LIGHTNING STARTED FIRE ON 5000te FUEL TANK. AUTO EXTINGUISH SYSTEMS
FAILED TO PUT OUT FIRE & CHEMICAL FOAM WAS NOT AVAILABLE. DRIVING WINDS
SPREAD FIRE TO 3 TANKS OF 28 TANK COMPLEX. 10000te OIL SPILLED. 9
HECTARES OF SITE AFFECTED.
RA: 3

Record 11 of 25 - MHIDAS

AN: 4264
CR: SRD
DA: 07/05/90
LO: MONTEGO BAY; ; JAMAICA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: EXPLODE-explosion; FIRE
OG: TRANSFER-loading,-unloading
NP: Killed: 5; Injured: ; Evacuated:
AB: 5 PEOPLE KILLED ON A PILOT BOAT WHEN A TANKER EXPLODED AND CAUGHT
FIRE. FIRE STARTED IN THE CREW'S QUARTERS AS THE TANKER WAS ABOUT TO
DISCHARGE ITS CARGO OF approx 14000te OF GASOLINE, KEROSENE AND DIESEL
FUEL. TANKER SUBSEQUENTLY TOWED TO SEA.
RA: 1

Record 12 of 25 - MHIDAS

AN: 3974 B
CR: WORKSAFE
DA: 12/10/89
LO: DEVONPORT; ; AUSTRALIA
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: 0; Injured: 3; Evacuated: 0 x 10E3

GC: IMPACT-impact-failure
SC: VEHICLE-other-vehicle
AB: A TANKER CARRYING 34001 OF PETROL & 40001 OF DIESEL BURST INTO
FLAMES ON IMPACT WITH ANOTHER VEHICLE. DRIVER GOT OUT OF THE TANKER
MOMENTS BEFORE IT CAUGHT FIRE. PASSENGERS IN WRECK OF THE OTHER VEHICLE
DRAGGED TO SAFTY BY PASSERBY. NO EXPLOSION.
RA: 1

Record 13 of 25 - MHIDAS

AN: 3823
CR: SRD
DA: 07/07/88
LO: BORGER; TEXAS; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
GC: EXTERNAL-external-events
SC: FLOODS-flooding
KW: COMPANY-Firm or company involved; WEATHER-Weather conditions at the
time of, or during, the incident
AB: HEAVY RAINS ACCUMULATED ON THE FLOATING ROOF OF 80,000bbl STORAGE
TANK & PUSHED THE ROOF DOWN INTO THE GASOLINE. AS FOAM WAS BEING APPLIED
GASOLINE IGNITED BY UNKNOWN SOURCE. SOME FUEL WAS SAVED BY TRANSFERRING
IT DURING FIRE FIGHTING.
RA: 1

Record 14 of 25 - MHIDAS

AN: 2934 B
CR: SRD
DA: 11/04/88
PD: V-village
LO: WALTON; SURREY; UK
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: CONTREL-continuous-release; CONEXP-confined-explosion
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: 0; Injured: 1; Evacuated: 0.2 x 10E3
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
QY: 4.5
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: RESPONSE-Emergency response to the incident; AFTER-After effects
such as clear up, survival of injured, etc.; ENVIRMNT-Environmental
impact of the incident (natural environment); PHOTO-Hard copy contains
photograph(s); PROGRESN-How the incident progressed or developed with
time
AB: FAILURE OF INTERNAL WALLS CAUSED OVERTURNED ROADTANKER TO LOOSE
TOTAL CONTENTS OF PETROL/DIESEL LOAD. SPILLED MATERIAL DRAINED INTO RIVER
THAMES CAUSING CLOSURE OF WATER INTAKES. VAPOURS EXPLODED IN CELLAR 400m
AWAY BUT FOAM BLANKET PREVENTED FURTHER FIRES
RA: 7

Record 15 of 25 - MHIDAS

AN: 3684

CR: SRD
DA: 07/09/85
LO: GILBERTOWN; ALABAMA; USA
MN: OIL
MT: LIQUID
MH: FI-fire
MC: 1267
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 2; Injured: ; Evacuated:
DG: US\$ 1 x 10E6
GC: HUMAN-human-factor
SC: PROCEDURES
IS: FLAME-naked-flames; FLARE-flares
AB: UP TO \$1 MILLION OF DAMAGE WAS CAUSED WHEN A MAN LIT A CIGARETTE
LIGHTER TO SEARCH FOR A MAN WHO HAD FALLEN INTO AN OIL STORAGE TANK. THE
ENSUING FIRE COULD BE SEEN FOR 20 miles & LASTED 14 hrs.
RA: 1

Record 16 of 25 - MHIDAS

AN: 3650
CR: WORKSAFE
DA: 25/10/88
LO: CAMDEN; NORTHERN TERRITORY; AUSTRALIA
MN: DIESEL FUEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 0; Injured: 1; Evacuated:
GC: HUMAN-human-factor
SC: MAINTAIN-general-maintenance
IS: FLAME-naked-flames; FLARE-flares
KW: PHOTO-Hard copy contains photograph(s)
AB: A WELDER WAS BADLY BURNED WHILE WORKING ON TANK OF DIESEL. TANK
EXPLODED. EMERGENCY TEAMS RESPONDED QUICKLY. OXYGEN & ACETYLENE BOTTLES
ALSO EXPLODED. BLAZE CONTROLLED WITHIN 40mins OF CALL. BLAZE THREATENED
NEARBY TANKS.
RA: 2

Record 17 of 25 - MHIDAS

AN: 3553
CR: SRD
DA: 08/05/82
LO: KILGORE; TEXAS; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: EXPLODE-explosion; TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 2; Injured: 2; Evacuated: 0.7 x 10E3
DG: US\$ 1 x 10E6
KW: COMPANY-Firm or company involved
AB: GASOLINE & DIESEL TANKS EXPLODED & BURNED AT THE SHORE OIL COMPANY
REFINERY CAUSING TEMPORARY EVACUATION OF 700 PEOPLE.
RA: 1

Record 18 of 25 - MHIDAS

AN: 3414 B
CR: SRD
DA: 21/12/85
PD: T-town
LO: NAPLES; ; ITALY
MN: DIESEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: EXPLODE-explosion; POOLFIRE-pool-fire
OG: TRANSFER-loading,-unloading; PIPELINE
NP: Killed: 4; Injured: 170; Evacuated: 2 x 10E3
DG: US\$ >20 x 10E6
KW: COMPANY-Firm or company involved; RESPONSE-Emergency response to the incident; INJURIES-Types of, or causes of or degree of injuries; TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
AB: EXPLOSION/FIRE DURING TRANSFER OF PETROL FROM SHIP TO STORAGE TANK SPREAD TO 27 STORAGE TANKS CONTAINING 72000te OF GASOLINE/DIESEL/OIL. EXPLOSION OCCURRED DUE TO BUILD UP OF FUMES. 2 PEOPLE OUTSIDE DEPOT KILLED BY FALLING MASONARY.
RA: 1

Record 19 of 25 - MHIDAS

AN: 3105
CR: SRD
DA: 25/10/88
LO: PULAU MERLIMAU; ; SINGAPORE
MN: NAPHTHA
MT: LIQUID
MH: FI-fire
MC: 1270
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-pressure
NP: Killed: 0; Injured: 25; Evacuated:
DG: US\$ 5 x 10E6
GC: HUMAN-human-factor; EXTERNAL-external-events
SC: MAINTAIN-general-maintenance; TEMPRTURE-temperature-extremes
QY: 25000
IS: AUTOIGNITE-autoignition
KW: PHOTO-Hard copy contains photograph(s); LAYOUT-Details of plant layout; RESPONSE-Emergency response to the incident; COMBUST-Details such as thermal flux at given distance; WEATHER-Weather conditions at the time of, or during, the incident
AB: FIRE IN STORAGE TANK THOUGHT TO HAVE STARTED AS WORKERS FREED STUCK ROOF & LEAKING NAPHTHA IGNITED BY HOT SUN. STRONG WINDS SPREAD FIRE TO 2 ADJACENT TANKS. 400 FIREMEN FOUGHT BLAZE FOR 7 DAYS & PREVENTED IGNITION OF NEIGHBORING KEROSENE TANKS.
RA: >10

Record 20 of 25 - MHIDAS

AN: 2752
CR: SRD
DA: 02/01/88
PD: T-town
LO: FLOREFFE; PENNSYLVANIA; USA
MN: DIESEL OIL
MT: LIQUID
MH: FI-fire

MC: 1223
IT: INSTREL-instantaneous-release; POOL-pool-of-liquid-formed
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ 0.4 x 10E6
GC: HUMAN-human-factor; MECHANICAL-mechanical-failure
SC: CONSTRUCT-construction-error; WELDFAIL-weld-failure; BRITTLE-
brittle-failure
QY: 14200
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: AFTER-After effects such as clear up, survival of injured, etc.;
PHOTO-Hard copy contains photograph(s); WEATHER-Weather conditions at the
time of, or during, the incident; ENVIRMNT-Environmental impact of the
incident (natural environment); AREA-Size of the area affected
AB: REASSEMBLED 40 YEAR OLD STORAGE TANK FAILED CATASTROPHICALLY DURING
FIRST REFILL. 3.9E*6gall DIESEL OIL RELEASED OF WHICH 750000gall
OVERTOPPED DYKES & FLOWED INTO RIVER CAUSING SERIOUS DISRUPTION TO WATER
SUPPLIES & ENVIRONMENT.
RA: >10

Record 21 of 25 - MHIDAS

AN: 2098
CR: SRD
DA: 14/08/80
PD: T-town
LO: MORGAN CITY; LOUISIANA; USA
MN: DIESEL FUEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: RELEASE; FIRE
OG: TRANSFER-loading,-unloading; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: ; Injured: ; Evacuated: >0.1 x 10E3
DG: US\$ 1 x 10E6
GC: HUMAN-human-factor
SC: OVERFILL-overfilling
IS: HOTSURFACE-hot-surface; VEXHAUSTS-vehicle-exhausts
KW: AREA-Size of the area affected; COMPANY-Firm or company involved
AB: A ROADTANKER WAS DISCHARGING DIESEL FUEL INTO TANK WHICH OVERFLOWED.
THE SPILT FUEL WAS IGNITED BY THE TRUCKS ENGINE SETTING OFF A SERIES OF
EXPLOSIONS AND FIRES. 8 BLOCKS OF THE CITY WERE EVACUATED AND FIREBOATS
FROM UP TO 30 miles AWAY ASSISTED.
RA: 1

Record 22 of 25 - MHIDAS

AN: 1570 B
CR: SRD
DA: 24/09/77
LO: ROMEOVILLE; ILLINOIS; USA
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 0; Injured: 0; Evacuated: 0 x 10E3
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: 47000

IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: COMPANY-Firm or company involved; RESPONSE-Emergency response to the
incident; KNOCK-ON-Describes any knock-on or domino type effects caused
AB: FIRE BEGAN EARLY MORNING WHEN LIGHTNING STRUCK 11 MILLION GALL
DIESEL FUEL TANK AT UNION OIL CO. REFINERY. FIRE SPREAD TO 2 TANKS
CONTAINING 16.5 MILLION GALLS GASOLINE. FIRES EXTINGUISHED BY 2400
26/09/77.
RA: 1

Record 23 of 25 - MHIDAS

AN: 1008
CR: SRD
DA: 04/07/70
LO: NORFOLK; VIRGINIA; USA
MN: PETROL
MT: LIQUID
MH: FI-fire
MC: 1270
IT: TANKFIRE-tank-fire
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
NP: Killed: 0; Injured: 0; Evacuated:
DG: US\$ 0.14 x 10E6
GC: EXTERNAL-external-events
SC: LIGHTNING
QY: 2000
IG: >10
IS: ELECTRIC-electric-sparks; STATIC-static-including-lightning
KW: DURATION-Duration of the incident; PROGRESN-How the incident
progressed or developed with time; WEATHER-Weather conditions at the time
of, or during, the incident
AB: LIGHTNING DISCHARGE IGNITED CONTENTS OF 2700m3 FLOATING ROOF PETROL
STORAGE TANK. OVERHEATING OF WALLS CAUSED TANK TO FAIL RELEASING BURNING
CONTENTS. FIRE-FIGHTING ATTEMPTS ABANDONED & TANK ALLOWED TO BURN OUT
OVER 2 DAY PERIOD.
RA: 1

Record 24 of 25 - MHIDAS

AN: 396
CR: SRD
DA: 27/08/71
LO: POINTE A PIERRE; ; TRINADAD
MN: GASOLINE
MT: LIQUID
MH: FI-fire
MC: 1270
IT: FIRE; TANKFIRE-tank-fire
OG: STORAGE-storage-plant; PIPEWORK
NP: Killed: 1; Injured: 6; Evacuated:
GC: MECHANICAL-mechanical-failure
QY: 1200
IS: ELECTRIC-electric-sparks; VEHICLE-vehicle-electrics
KW: DURATION-Duration of the incident; COMPANY-Firm or company involved
AB: LEAK IN TANK FARM PIPEWORK IGNITED BY PASSING VEHICLE. FIRE SPREAD
TO HIGH OCTANE TANK. 3 SMALL TANKS DAMAGED, 1200te PETROL & 60te FUEL OIL
LOST. FIRE TOOK 7hrs TO CONTROL.
RA: 1

Record 25 of 25 - MHIDAS

AN: 335

CR: SRD
DA: 11/09/70
LO: GRAVESEND; LONDON; UK
MN: DIESEL FUEL
MT: LIQUID
MH: FI-fire
MC: 1223
IT: FIRE; EXPLODE-explosion
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
KW: COMPANY-Firm or company involved; TIMING-Timing of the incident,
time of day, shift, handover, lunch break, etc.
AB: DIESEL TANK EXPLODED. FIRE EXTINGUISHED WITH SLIGHT DAMAGE TO A
JETTY. "SARGENT BROS"(THAMES).
RA: 1

No.	Records	Request
1	349	drums
2	3	roadtankers
3	1057	road
* 4	89	tankers
5	1	road tankers

Record 1 of 16 - MHIDAS

CR: SRD
 MN: JET FUEL
 MC: 1863
 OG: TRANSFER-loading,-unloading; SHIP
 GC: EXTERNAL-external-events
 SC: EXTNLFIRE-fire
 KW: TIMING-Timing of the incident, time of day, shift, handover, lunch break, etc.
 AB: TANK LOADING CARGO OF UNLEADED GASOLINE & JET FUEL OFF PIER OF OIL REFINERY WHEN FIRE BROKE OUT IN ENGINE ROOM. BLAZE CONTROLLED BY FIREBOATS. CARGO DISCHARGED TO COASTAL TANKERS IN TWO STAGES.
 RA: 3

Record 2 of 16 - MHIDAS

CR: SRD
 MN: PROPANE
 MC: 1075
 OG: TRANSPORT; RAILTANKER-rail-tanker
 GC: IMPACT-impact-failure
 SC: ROADACC-road-accident,-no-other-vehicle
 QY: <16
 AB: 100 PEOPLE EVACUATED FROM MOTORWAY SERVICE AREA WHEN TANKER'S TRAILER CAME AWAY FROM TRACTOR UNIT & FRACTURED. LIQUEFIED PROPANE SPILL DEALT WITH BY FIREFIGHTERS. TANKER WAS CARRYING 16te OF GAS, BUT IT IS NOT KNOWN HOW MUCH WAS SPILLED.
 RA: 4

Record 3 of 16 - MHIDAS

CR: SRD
 MN: OIL
 MC: 1267
 OG: TRANSPORT; ROADTANKER-road-tanker
 GC: MECHANICAL-mechanical-failure
 SC: VALVE-leaking-or-passing-valve
 IS: NONIGNITE-non-ignition-of-flammable-materials
 KW: COMPANY-Firm or company involved
 AB: TRUCK LEAKED 50-80galls PCB LADEN OIL FROM REGULATOR IN TRUCKS LOAD. OIL LEAKED TO HIGHWAY AND ROADSIDE CLOSING ROAD. 1000lb ABSORBANT USED ON SPILL WHICH WAS CONTAINED IN 50gall DRUMS FOR DISPOSAL. COMMERCIAL RESPONSE GROUP CLEANED AND EVACUATED.
 RA: 1

Record 4 of 16 - MHIDAS

CR: SRD
 MN: KEROSENE
 MC: 1270
 OG: STORAGE-storage-plant; PACKAGE-portable-transport-containers
 GC: EXTERNAL-external-events
 SC: SABOTAGE-sabotage-or-vandalism
 QY: 0.43
 AB: ARSONIST SET FIRE TO 3 45 GALLON DRUMS OF KEROSENE AT RAILWAY

STATION.
RA: 1

Record 5 of 16 - MHIDAS

CR: SRD
MN: OIL
MC: 1267
OG: STORAGE-storage-plant; ASVESSEL-storage-vessels,-atmospheric-
pressure
GC: EXTERNAL-external-events
SC: FLOODS-flooding
IS: NONIGNITE-non-ignition-of-flammable-materials
KW: COMPANY-Firm or company involved
AB: MOUNT REDOUBT ERUPTION CAUSED FLOODING OF TERMINAL. TANKERS BROUGHT
IN TO REMOVE OIL FROM DEPOTS & STORAGE TANKS. ONLY 50000bbls ALLOWED TO
BE STORED ON SITE DUE TO FLOOD THREAT SO TANKER LOADING OPERATIONS
STOPPED TO MEET RESTRICTIONS.
RA: 1

Record 6 of 16 - MHIDAS

CR: SRD
MN: PETROL
MC: 1270
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: 3; Injured: 6; Evacuated:
GC: HUMAN-human-factor
SC: GENERALOP-general-operational
IS: ELECTRIC-electric-sparks; INSTRUMENT-instruments
AB: 2 PETROL TANKERS EXPLODED KILLING 3 PEOPLE & INJURING 6. SPARK FROM
WELDING EQUIPMENT USED BY WORKERS WHO THOUGHT THE TANKERS WERE EMPTY
INITIATED THE EXPLOSIONS.
RA: 1

Record 7 of 16 - MHIDAS

CR: SRD
MN: OIL
MC: 1267
OG: STORAGE-storage-plant; PACKAGE-portable-transport-containers
NP: Killed: 0; Injured: 1; Evacuated: >1 x 10E3
KW: COMPANY-Firm or company involved; DURATION-Duration of the incident;
INJURIES-Types of, or causes of or degree of injuries; KNOCK-ON-Describes
any knock-on or domino type effects caused; PHOTO-Hard copy contains
photograph(s)
AB: > 50 FIREFIGHTERS CONTAINED FIRE IN A WAREHOUSE CONTAINING BARREL'S
OF OIL. NEARBY FUEL TANKS WERE THREATENED BUT NOT INVOLVED IN FIRE. SMALL
DRUMS EXPLODED SENDING FIREBALLS 150ft INTO AIR. EXTRA FOAM BROUGHT IN TO
FIGHT FIRE. FIRE LASTED 2 DAYS.
RA: 2

Record 8 of 16 - MHIDAS

CR: SRD
PD: R-rural
MN: OIL
MC: 1223
OG: WAREHOUSE; PACKAGE-portable-transport-containers
NP: Killed: 0; Injured: 5; Evacuated:
DG: US\$ 10 x 10E6
GC: EXTERNAL-external-events

SC: EXTNLFIRE-fire; SABOTAGE-sabotage-or-vandalism
QY: 20
KW: ENVIRMNT-Environmental impact of the incident (natural environment);
MAP-Hard copy contains map; EYEWITNS-Includes eyewitness account(s);
MISSILES-Size and type of missiles produced and/or the distances which
they travelled; PHOTO-Hard copy contains photograph(s)
AB: FIRE STARTED ON OIL COMPANY PREMISES & QUICKLY SPREAD TRO NEARBY
LUMBERYARD & OFFICES. OIL DRUMS EXPLODED SOME ROCKETTING. SPREAD OF OIL
INTO BALTIMORE HARBOUR SERIOUSLY HAMPERED FIREFIGHTING .
RA: 7

Record 9 of 16 - MHIDAS

CR: SRD
PD: R-rural
MN: PETROL
MC: 1270
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: ; Injured: 2; Evacuated:
QY: 30
KW: RESPONSE-Emergency response to the incident; COMPANY-Firm or company
involved; INJURIES-Types of, or causes of or degree of injuries
AB: 2 PETROL TANKERS EXPLODED IN FLAMES. 2 OTHERS WERE DRIVEN TO SAFETY
BY FIREMEN TO PREVENT FIRE SPREADING TO 10,000te OF OIL STORED NEARBY IN
INCIDENT AT OIL TERMINAL. 2 TANKER DRIVERS WERE BADLY BURNED AND WERE
CRITICAL IN HOSPITAL.
RA: 1

Record 10 of 16 - MHIDAS

CR: ICHEME
PD: R-rural
MN: FUEL OIL
MC: 1223
OG: TRANSPORT; SHIP
NP: Killed: 6; Injured: 2; Evacuated:
GC: IMPACT-impact-failure
SC: SHIP/SHIP-ship-to-ship-collision,-also-barges
KW: MISSILES-Size and type of missiles produced and/or the distances
which they travelled; PHOTO-Hard copy contains photograph(s); EYEWITNS-
Includes eyewitness account(s)
AB: TWO FUEL TANKERS COLLIDED ON THE RIVER SEINE. ONE FULLY LOADED WITH
KEROSENE SUFFERED LITTLE DAMAGE BUT SLICED THE OTHER SHIP ALMOST IN TWO.
THE SHIP SLICED IN TWO HAD DISCHARGED ITS PETROL LOAD. AN EXPLOSION
OCCURRED & THE SPLIT SHIP'S FUEL OIL BURNED.
RA: 11

Record 11 of 16 - MHIDAS

CR: SRD
MN: LPG
MC: 1075
OG: TRANSFER-loading,-unloading; HOSE
NP: Killed: 1; Injured: 0; Evacuated:
GC: HUMAN-human-factor; IMPACT-impact-failure
SC: GENERALOP-general-operational; HVYOBJECT-heavy-object; VALVE-
leaking-or-passing-valve
QY: 0.7
KW: KNOCK-ON-Describes any knock-on or domino type effects caused
AB: OPERATOR UNLOADING 1000gall LPG TANK TRUCK LOST CONTROL & SHEARED
OFF QUICK-FILL CONNECTION. LACK OF EXCESS FLOW VALVE ALLOWED TANK
CONTENTS TO ESCAPE. VAPOUR IGNITED & ENSUING FIRE FUELLED BY RUPTURING
LPG CYLINDERS, OIL/PETROL DRUMS & PAINT CANS.

RA: 1

Record 12 of 16 - MHIDAS

CR: SRD
PD: T-town
MN: GASOLINE
MC: 1270
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: 1; Injured: 2; Evacuated: 0.3 x 10E3
GC: IMPACT-impact-failure
SC: ROADACC-road-accident,-no-other-vehicle
IG: <200
KW: COMPANY-Firm or company involved; DURATION-Duration of the incident; INJURIES-Types of, or causes of or degree of injuries; KNOCK-ON-Describes any knock-on or domino type effects caused; PHOTO-Hard copy contains photograph(s)
AB: PROPANE TANKER OF UNITED PROPANE INC. SWERVED TO AVOID CAR AND OVERTURNED ONTO 2 GASOLINE PUMPS. LEAKED GASOLINE + PROPANE FROM TANKERS FUEL TANK IGNITED. FLAMES 25ft. HIGH. THE 10te PROPANE BEING CARRIED WAS INTACT. FUMES OVERCAME PERSON 0.5miles AWAY.
RA: 2

Record 13 of 16 - MHIDAS

CR: SRD
MN: LPG
MC: 1075
OG: TRANSPORT; ROADTANKER-road-tanker
NP: Killed: 0; Injured: >2; Evacuated: 0 x 10E3
GC: IMPACT-impact-failure; MECHANICAL-mechanical-failure
SC: ROADACC-road-accident,-no-other-vehicle; HOSE
QY: 9
IS: FLAME-naked-flames; FLARE-flares
KW: KNOCK-ON-Describes any knock-on or domino type effects caused; FACTORS-Aggravating or mitigating factors
AB: 8.7m3 LPG TRAILER USED AS STORAGE SUPPLY FOR ROAD-GRADING JOB BROKE LOOSE FROM RESTRAINTS, RANAWAY AND WAS HOLED ON COLLISION. VAPOURS SPREAD OVER WIDE AREA & WERE IGNITED BY ACETYLENE TORCH. FIRE FED BY PETROL STORAGE, DIESEL TANK & OIL DRUMS.
RA: 1

Record 14 of 16 - MHIDAS

CR: SRD
MN: HEXANE
MC: 1208
OG: PROCESS-process-plant; PVESSEL-process-vessels
NP: Killed: 1; Injured: 1; Evacuated: 0.2 x 10E3
DG: US\$ 0.5 x 10E6
GC: SERVICE-services-failure; HUMAN-human-factor
SC: WATER-watersupply; GENERALOP-general-operational
IS: FLAME-naked-flames; BOILER-boilers
KW: LAYOUT-Details of plant layout; MISSILES-Size and type of missiles produced and/or the distances which they travelled; LEGALITY-Information on any laws which were broken or which were important mitigating factors; ADVICE-Contains recommendations to prevent repetitions of the incident; KNOCK-ON-Describes any knock-on or domino type effects caused
AB: TEMPORARY WATER SUPPLY TO CONDENSER FAILED ALLOWING HEXANE VAPOUR TO VENT INSIDE SHED(CO=CHEMSTAR). VAPOUR IGNITED AFTER 30mins BY OIL FIRED BOILER. EXPLOSION DEMOLISHED 2 STOREY BUILDINGS. SOLVENT DRUMS THROWN 100'S OF YARDS AS THEY BURST INTO FLAMES.
RA: 3

Record 15 of 16 - MHIDAS

CR: SRD
MN: KEROSENE
MC: 1223
OG: TRANSPORT; BARGE
NP: Killed: ; Injured: 1; Evacuated:
QY: >600
KW: RESPONSE-Emergency response to the incident
AB: ABOUT 4000 DRUMS EXPLODED IN THE FIRE WHICH SANK 1 BARGE + GUTTED
THE OTHER + ALSO DESTROYED NEARBY WAREHOUSE CONTAINING DRUMS OF KEROSENE
TOO. BLAZE FOUGHT FOR 2 hrs. + FIREMEN SAVED A RESERVOIR OF 200,000
GALLONS OF JET FUEL + PETROL.
RA: 1

Record 16 of 16 - MHIDAS

CR: SRD
MN: LPG
MC: 1075
OG: WASTE-waste-storage; PSVESSEL-pressurised-storage-vessels
NP: Killed: 0; Injured: 0; Evacuated:
GC: EXTERNAL-external-events
SC: EXTNLFIRE-fire
QY: 1
IS: FLAME-naked-flames
KW: PROGRESN-How the incident progressed or developed with time
AB: GRASS FIRE SPREAD TO CHEMICAL WASTE DISPOSAL DEPOT IGNITING TIMBER
PALLETS AND BITUMEN DRUMS (45gall) BLEVE OF LPG STORAGE TANK DID MUCH TO
EXTINGUISH FIRE.
RA: 1