

NATURAL GAS (PRESSURIZED) - PROCESSING

General accident information	
Class/Quality	***
Year	2006
Summary	Pipeline at natural gas plant burst causing fire, Evacuation of businesses and homes and closure of Road
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Burst/Rupture, Release, Fire, Evacuation, Traffic-interruption, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	2005
Summary	A technical failure in a refinery lead to h2s and SO2 release causing 83 complaints about stench of Rotten eggs in downwind area
Country	NL
Activity	PROCESSING
Location	REFINERY
Chemicals	Hydrogen sulphide (h2s), Natural gas (pressurized), Sulphur dioxide
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Wrong-composition, Defective-working, Release, Shelter-in-place, Stench-emission, Fire fighting/Emergency response, Burn

General accident information	
Class/Quality	***
Year	2004
Summary	An explosion in an naphtha processing unit caused Ignition of super heater corn product, fire and 4 casualties
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Naphtha, Natural gas (pressurized), Vegetable oil (corn)
Cause	Technical-failure
Fatalities/Injuries	1 / 4
Occurrences or events	El-power-brake, Not-working, System-operations, Ignition, Fire, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	2004
Summary	Hydrogen escaped from line in hydrogen heater and Mixed with superheated air caused an explosion, Fire and 1 casualty

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Country	USA
Activity	PROCESSING
Location	REFINERY
Chemicals	Air, Hydrogen (gas), Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Overpressure, Burst/Rupture, Defective-working, Human-operations, Release, Wrong-composition, Explosion, Fire, Fire fighting/Emergency response, Purging

General accident information	
Class/Quality	**
Year	2004
Summary	Explosion occurred at gas factory causing Fire, evacuation and 2 casualties
Country	RI
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Inflammable gas, Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 2
Occurrences or events	Explosion, Blow-away, Collision, Fire, Evacuation, Fire fighting/Emergency response

General accident information	
Class/Quality	**
Year	2004
Summary	Fire at natural gas processing plant pushed Unprocessed gas into gas transmission system and Caused pollution of air, evacuation and closure of Highway
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized), Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Fire, Smoke-emission, Pollution/Contamination, Penetrate/Puncture, Wrong-composition, Evacuation, Traffic-interruption, Safety-measures, Fire fighting/Emergency response, Block-of-system

General accident information	
Class/Quality	***
Year	2003
Summary	Leak in burner tube of tank which heated crude oil To separate it into components caused pollution And fire
Country	USA
Activity	PROCESSING
Location	REFINERY
Chemicals	Crude oil, Natural gas (pressurized), Water

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	Fall, Safety-measures, No-action, Human-operations, Human-operations, Human-operations, Safety-measures, Human-operations
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General accident information	
Class/Quality	**
Year	2002
Summary	Explosion at natural gas plant caused fire and 1 casualty
Country	AZ
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Explosion, Fire, Block-of-system, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	2002
Summary	After removing a valve, gas escaped and ignited By a nearby heater treater, causing fireball, fire And 1 casualty
Country	USA
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Maintenance, Remove, Release, Ignition, Fireball, Fire

General accident information	
Class/Quality	**
Year	2002
Summary	Fire broke out in an ammonia factory in a natural Gas line causing 6 casualties and evacuation of Nearby refinery
Country	KWT
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 6
Occurrences or events	Maintenance, Explosion, Fire, Evacuation, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	2002

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Summary	Explosion occurred in Compressors causing fire, Release, pollution, evacuation And 2 casualties
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Management-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Management-failure, Management-failure, Operators error, Maintenance, Explosion, Damage, Fire, Release, Pollution/Contamination, Evacuation, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	2002
Summary	Oil leak in heater, which runs On natural gas causing fire in Flue-gas stack, evacuation and 1 casualty
Country	USA
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized), Oil n.o.s.
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Release, Fire, Fire fighting/Emergency response, Fire fighting/Emergency response, Evacuation

General accident information	
Class/Quality	**
Year	2002
Summary	Equipment failed at natural Gas processing plant causing Explosion and fire which Destroyed building housing
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized), Propane
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Explosion, Collapse/Destroy, Damage, Fire, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	2002
Summary	During maintenance on a high pressure Flare line at a gas processing plant Explosions occurred causing fire and

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	7 casualties
Country	MAL
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Hydrocarbons (gas), Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	4 / 3
Occurrences or events	Maintenance, Repair, Explosion, Fire, Fire fighting/Emergency response, Fire fighting/Emergency response

General accident information

Class/Quality	** *
Year	2001
Summary	Hydraulic oil spilled from broken lines feeding Hot steel press and ignited causing major fire, Black smoke and 1 casualty
Country	USA
Activity	PROCESSING
Location	FACTORY
Chemicals	Air, Hydraulic oil, Natural gas (pressurized), Oxygen (gas), Propane
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Human-operations, Break, Release, Ignition, Fire, Smoke-emission, Evacuation, Safety-measures, Fire fighting/Emergency response

General accident information

Class/Quality	**
Year	2001
Summary	Fire at sweet gas production Plant caused evacuation of the Plant
Country	CDN
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Fire, Block-of-system, Evacuation, Fire fighting/Emergency response

General accident information

Class/Quality	** *
Year	2001
Summary	Gas line ruptured when workers Were performing a routine Clean-out of sweet gas line Causing explosion and fire
Country	CDN
Activity	PROCESSING
Location	GAS (PROCESS) PLANT

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Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Maintenance, Clean, Overpressure, Burst/Rupture, Release, Ignition, Explosion, Fire, Damage, Safety-measures, Fire fighting/Emergency response, Block-of-system, Block-of-system

General accident information

Class/Quality	**
Year	2001
Summary	2 natural gas lines were lit And inserted into kiln during Pre-heat, start-up procedure Causing fire and explosion
Country	USA
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Human-operations, Heating, Fire, Remove, Wrong-action, Ignition, Explosion

General accident information

Class/Quality	** *
Year	2001
Summary	During routine maintenance work on flare line At refinery gas leak occurred at desulphurising Unit caused 6 casualties
Country	KWT
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized), Petroleum
Cause	Unknown-cause
Fatalities/Injuries	1 / 6
Occurrences or events	Maintenance, Release

General accident information

Class/Quality	** *
Year	2000
Summary	Closure of emergency shut-down Valve, due to loss of Instrument air, caused valves To relieve gas to atmosphere
Country	AUS
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1

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Occurrences or events	System-failure, Release, Wrong-position, Overpressure, System-operations, Release, Pollution/Contamination
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General accident information

Class/Quality	***
Year	2000
Summary	A lightning strike during an Electrical storm affected Control systems at processing Facility, resulting in release
Country	AUS
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Natural-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Lightning, Block-of-system, Release, Safety-measures, Safety-measures

General accident information

Class/Quality	***
Year	2000
Summary	Natural gas pipeline ruptured Causing release, explosion, Fire at 2 chemical tanks and Shut down of plant
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Glycol, Methanol, Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Burst/Rupture, Release, Explosion, Fire, Block-of-system, Safety-measures, Block-of-system, Fire fighting/Emergency response, Fire fighting/Emergency response

General accident information

Class/Quality	****
Year	1999
Summary	When operators attempted to Shut down boiler an explosion Occurred causing fire and at Least 3 casualties
Country	AUS
Activity	PROCESSING
Location	POWER STATION/PLANT
Chemicals	Natural gas (pressurized), Steam
Cause	Management-failure
Fatalities/Injuries	1 / 3
Occurrences or events	Management-failure, Management-failure, Management-failure, Management-failure, Management-failure, Defective-working, Release, Explosion, Physical-explosion, Burst/Rupture, Blow-away, Damage,

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	Blow-away, Fire, Smoke-emission, Disperse/Spread, Abnormal conditions, Management-failure, Management-failure
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General accident information

Class/Quality	***
Year	1999
Summary	Water leaked into natural gas Line froze and ruptured the Pipe causing explosion, fire And 1 casualty
Country	USA
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Penetrate/Puncture, Clog, Burst/Rupture, Explosion, Fire, Blow-away, Smoke-emission, Stench-emission, Fire fighting/Emergency response

General accident information

Class/Quality	*
Year	1998
Summary	A metering unit of the natural Gas distribution station was Rocked by the explosion and Caught fire
Country	RUS
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Explosion, Fire

General accident information

Class/Quality	**
Year	1998
Summary	An explosion and a fire was Apparently caused by violation Of safety rules during repair Work, causing 5 casualties
Country	UA
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 4
Occurrences or events	Operators error, Maintenance, Explosion, Fire, Fire fighting/Emergency response

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General accident information	
Class/Quality	*****
Year	1998
Summary	During purging pipelines an Explosion occurred destroying Separator, tanks & vehicles Causing 4 casualties
Country	USA
Activity	PROCESSING
Location	STORAGE/DEPOT
Chemicals	Crude oil, Natural gas (pressurized), Natural gas (pressurized), Oxygen (gas)
Cause	Management-failure
Fatalities/Injuries	4 / 1
Occurrences or events	Management-failure, Management-failure, Management-failure, Management-failure, Management-failure, Management-failure, Management-failure, Management-failure, Management-failure, Purging, Purging, System-operations, Human-operations, Wrong-action, Human-operations, No-action, Purging, Overpressure, Human-operations, Safety-measures, Overpressure, Human-operations, Safety-measures, Human-operations, Overpressure, Purging, Human-operations, Mechanical failure, Overpressure, Burst/Rupture, Release, Ignition, Explosion, Fireball, Collapse/Destroy, Burst/Rupture, Release, Ignition, Fire, Safety-measures, Emergency-stop, Safety-measures, Safety-measures, Fire fighting/Emergency response, Fire fighting/Emergency response

General accident information	
Class/Quality	*****
Year	1997
Summary	During start-up of the furnace Of a crude oil distillation Unit an explosion occurred Damaging the furnace
Country	NL
Activity	PROCESSING
Location	REFINERY
Chemicals	Inflammable gas, Natural gas (pressurized), Natural gas (pressurized)
Cause	Management-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Management-failure, Management-failure, Management-failure, Defective-working, Human-operations, Defective-working, Repair, Human-operations, System-operations, System-operations, Replace, System-operations, Abnormal conditions, Wrong-composition, Stench-emission, Emergency-stop, Explosion, Burst/Rupture, Fall

General accident information	
Class/Quality	***
Year	1997
Summary	Blown gasket of pump caused Release of natural gas, fire, 2 explosions destroying Cooling tower & pump house
Country	USA

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Activity	PROCESSING
Location	WINNING AREA
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Blow-away, Release, Ignition, Fire, Explosion, Fire, Block-of-system, Fire fighting/Emergency response

General accident information	
Class/Quality	*
Year	1997
Summary	Operations at gas boosting Station resumed immediately After blaze was brought under Control
Country	KWT
Activity	PROCESSING
Location	PUMPSTATION
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Fire, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	1997
Summary	Contractors investigating a Leak on a gas main, nearby Welding caused ignition, Explosion and 9 casualties
Country	GB
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 9
Occurrences or events	Repair, Welding/Cutting, Release, Groundwork, Ignition, Explosion, Evacuation

General accident information	
Class/Quality	***
Year	1996
Summary	During tempering oven for aluminium sections an Explosion occurred causing destruction of plant And 2 casualties
Country	F
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1

NATURAL GAS (PRESSURIZED) - PROCESSING

Occurrences or events	System-operations, Explosion, Blow-away, Collapse/Destroy
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General accident information

Class/Quality	****
Year	1995
Summary	A mix of natural gas and air ignited in a tunnel Furnace causing an explosion, large property Damage and 3 casualties
Country	D
Activity	PROCESSING
Location	FACTORY YARD
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 3
Occurrences or events	Damage, Burst/Rupture, Get-loose/Lose, Release, Wrong-composition, Ignition, Explosion, Fire, Block-of-system

General accident information

Class/Quality	***
Year	1995
Summary	Due to rupture of outer steel Jacket & 2 telescopic jackets of a gasometer Of a gasometer were damaged causing big release Of blast furnace gas and water and 6 casualties
Country	D
Activity	PROCESSING
Location	FACTORY
Chemicals	Cokes gas, Inflammable gas, Natural gas (pressurized), Oil n.o.s., Water
Cause	Unknown-cause
Fatalities/Injuries	1 / 5-6
Occurrences or events	Burst/Rupture, Release, Damage, Collapse/Destroy, Release, Release, Ignition, Fire, Emergency-stop, Safety-measures, Traffic-interruption, Fire fighting/Emergency response, Remove, Clean, Safety-measures, Safety-measures

General accident information

Class/Quality	***
Year	1994
Summary	Series of dust explosions due to large amounts Of dust in a furniture manufacturing facility Caused 6 casualties
Country	USA
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized), Oil n.o.s., Wood saw dust
Cause	Management-failure
Fatalities/Injuries	2 / 4
Occurrences or events	Management-failure, Management-failure, Release, Release, Ignition, Ignition, Unclean-working-area, Dust-explosion

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General accident information

Class/Quality	**
Year	1994
Summary	Due to welding works on pipes an explosion Occurred at a gas installation causing fire And 4 casualties
Country	WAN
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 3
Occurrences or events	Welding/Cutting, Explosion, Fire

General accident information

Class/Quality	***
Year	1994
Summary	Methanol plant was seriously Damaged by fire after natural Gas feed pipeline leaked and Caught fire
Country	NL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol, Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Break, Release, Fire, Traffic-interruption, Fire fighting/Emergency response

General accident information

Class/Quality	****
Year	1994
Summary	Gas explosion in power heating Plant caused damage and 87 Casualties
Country	F
Activity	PROCESSING
Location	POWER STATION/PLANT
Chemicals	Hydrogen chloride, Natural gas (pressurized), Poly chlorinated biphenyls, Poly chlorinated terphenyls, Potassium, Sulphuric acid (sfa)
Cause	Human-failure
Fatalities/Injuries	2 / 85
Occurrences or events	System-operations, Human-operations, Release, Safety-measures, Ignition, Explosion, Blast-wave, Fire, Fire fighting/Emergency response, Evacuation, Safety-measures

General accident information

Class/Quality	***
Year	1993

NATURAL GAS (PRESSURIZED) - PROCESSING

Summary	During maintenance at a gas Compression plant of platform Explosion and fire caused at Least more than 12 casualties
Country	YV
Activity	PROCESSING
Location	WINNING AREA
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	10-11 / >1
Occurrences or events	Maintenance, Human-operations, Defective-working, Explosion, Fire, Collapse/Destroy, Blast-wave, Fire fighting/Emergency response

General accident information	
Class/Quality	***
Year	1992
Summary	Leakage of natural gas at a Natural gas plant
Country	YV
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 14-34
Occurrences or events	Release, Ignition, Fire, Explosion, Damage, Safety-measures

General accident information	
Class/Quality	***
Year	1991
Summary	Truck damaged (gas?)pipeline & Explosion & fire occurred Causing 332 casualties and Considerable damage
Country	MEX
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized), Oil n.o.s.
Cause	Human-failure
Fatalities/Injuries	3 / 329
Occurrences or events	Collision, Drive, Emergency-stop, Explosion, Fire, Fire fighting/Emergency response, Release

General accident information	
Class/Quality	***
Year	1990
Summary	An explosion occurred at a gas Field purification plant Causing a fire
Country	PK
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	2 / 41
Occurrences or events	Explosion, Fire

NATURAL GAS (PRESSURIZED) - PROCESSING

General accident information	
Class/Quality	***
Year	1990
Summary	Explosion in gas separation plant when an Electrical switch on compressor was restarted Causing 2 casualties
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized), Natural gas liquids (ngl), Water
Cause	Unknown-cause
Fatalities/Injuries	1 / 2
Occurrences or events	Explosion, Remove, Switch

General accident information	
Class/Quality	***
Year	1989
Summary	During digging a backhoe broke A natural gas line causing an Explosion, fire and at least 29 casualties
Country	USA
Activity	PROCESSING
Location	POWER STATION/PLANT
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	>2 / 25-27
Occurrences or events	Collision, Explosion, Fire, Fire fighting/Emergency response, Heating, Physical effects

General accident information	
Class/Quality	**
Year	1988
Summary	A leakage at a pipeline caused An explosion and a blast
Country	DZ
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	18 / 8
Occurrences or events	Blast-wave, Explosion, Release

General accident information	
Class/Quality	*****
Year	1988
Summary	Fire and explosions in a Rocket fuel plant caused (plant) evacuation and 372 Casualties
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Ammonium perchlorate, Ammonium perchlorate, Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	2 / 372
Occurrences or events	Blast-wave, Burst/Rupture, Detonation, Evacuation, Explosion, Explosion, Fire, Fire fighting/Emergency response, Ignition, Welding/Cutting

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General accident information	
Class/Quality	
Year	1987
Summary	Release gas during maintenance Of compressor
Country	NL
Activity	PROCESSING
Location	PUMPSTATION
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Block-of-system, Dismount/Disconnect, Maintenance, Release, Wrong-action

General accident information	
Class/Quality	****
Year	1986
Summary	During de-gassing a pipeline A static electr. spark from Plastic clothes ignited gas Cloud causing 1 casualty
Country	NL
Activity	PROCESSING
Location	LABORATORY
Chemicals	Natural gas (pressurized)
Cause	Natural-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Explosion, Human-operations, Ignition, Mount/Connect, Release, Safety-measures, Static-electricity, Stench-emission

General accident information	
Class/Quality	
Year	1986
Summary	Fire in factory caused by Defective electric motor Igniting plastic products
Country	GB
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized), Plastic products
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Burst/Rupture, Collapse/Destroy, Defective-working, Explosion, Fire, Fire fighting/Emergency response, Ignition, Overheating, Smoke-emission

General accident information	
Class/Quality	****
Year	1986
Summary	Worker rendered unconscious by Hydrogen sulphide gas and fell Into settling water rig tank
Country	CDN
Activity	PROCESSING
Location	WINNING AREA
Chemicals	Hydrogen sulphide (h2s), Natural gas (pressurized), Water
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Fall, Sampling, Wrong-composition, Wrong-position

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Class/Quality	
Year	1985
Summary	Explosion in a boiler during Attempts to light the Auxiliary boiler burner
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 2
Occurrences or events	Defective-working, Explosion, Human-operations, Ignition, Release

General accident information	
Class/Quality	
Year	1983
Summary	Explosion during start up of Boiler
Country	KWT
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Explosion, Human-operations

General accident information	
Class/Quality	
Year	1983
Summary	Explosion in gas compression Plant
Country	YV
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Explosion

General accident information	
Class/Quality	
Year	1982
Summary	Gas explosion in smoke gas Canal of gasturbine
Country	NL
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Explosion, Ignition, Release

General accident information	
Class/Quality	
Year	1982
Summary	Explosion and fire in Compressor building
Country	USA
Activity	PROCESSING
Location	BUILDING

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Chemicals	Natural gas (pressurized)
Cause	Human-failure Technical-failure
Fatalities/Injuries	3 / 2
Occurrences or events	Defective-working, Explosion, Fire, Human-operations, Human-operations, Release

General accident information	
Class/Quality	
Year	1981
Summary	Gas explosion in hardening Furnace
Country	NL
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Blow-away, Explosion, Fire, Human-operations

General accident information	
Class/Quality	***
Year	1981
Summary	Rupture of pipeline during routine maintenance Of gas processing plants caused fire, explosion And at least 6 casualties
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 6-7
Occurrences or events	Burst/Rupture, Explosion, Fire, Fire fighting/Emergency response, Ignition, Maintenance, Release

General accident information	
Class/Quality	**
Year	1981
Summary	Explosion of gasometer in gas-Factory caused damage to Hospital and 10 casualties
Country	E
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	2 / 8
Occurrences or events	Explosion, Fire, Evacuation

General accident information	
Class/Quality	***
Year	1980
Summary	Explosion steam boiler in Factory caused considerable Damage
Country	NL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Ammonia solution <35%, Hydrocarbons (pressurized), Natural gas (pressurized), Waste oil
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Ignition, Explosion

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General accident information	
Class/Quality	
Year	1979
Summary	Gas explosion in furnace
Country	NL
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized), Zinc oxide
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Human-operations, Ignition, Explosion, Fire

General accident information	
Class/Quality	***
Year	1979
Summary	Failure during start up by too Low flow
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Ammonia, Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Incompetent, Incompetent, Overheating, Crack, Release

General accident information	
Class/Quality	
Year	1979
Summary	Explosion and fire of soap Factory
Country	B
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Release, Disperse/Spread, Ignition, Explosion, Fire, Blow-away

General accident information	
Class/Quality	
Year	1978
Summary	Explosion in synthetic natural Gas plant
Country	USA
Activity	PROCESSING
Location	TANKYARD/TANK FARM
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	2 / 1
Occurrences or events	Explosion

General accident information	
Class/Quality	
Year	1978
Summary	Gas explosion in gas factory Caused 10 casualties
Country	IND
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Coal gas, Natural gas (pressurized)

NATURAL GAS (PRESSURIZED) - PROCESSING

Cause	Technical-failure
Fatalities/Injuries	4 / 6
Occurrences or events	Repair, Welding/Cutting, Ignition, Explosion

General accident information

Class/Quality	***
Year	1977
Summary	Explosion and fire involving Preheat furnace of catalytic Cracking units (fcc)
Country	USA
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Replace, Short-circuiting, El-power-brake, Block-of-system, Wrong-action, Recover, Wrong-action, Release, Ignition, Explosion, Fire

General accident information

Class/Quality	1977
Year	1977
Summary	Fire in central heating Room caused 1 casualty
Country	NL
Activity	PROCESSING
Location	BUILDING
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Wrong-action, Release, Ignition, Ignition, Fire

General accident information

Class/Quality	1977
Year	1977
Summary	Back fire of furnace by Ignition
Country	NL
Activity	PROCESSING
Location	REFINERY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Ignition, Fire

General accident information

Class/Quality	***
Year	1977
Summary	Aboveground fuel gas line Failed causing a vapour cloud Which was ignited by a motor Vehicle
Country	AS
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Mechanical failure, Burst/Rupture, Release, Ignition, Explosion

NATURAL GAS (PRESSURIZED) - PROCESSING

General accident information

Class/Quality	1977
Year	1977
Summary	Explosion in gas-works caused Fire and 2 casualties
Country	CDN
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized), Sulphur dioxide, Sulphur molten
Cause	Unknown-cause
Fatalities/Injuries	2 / 1
Occurrences or events	Maintenance, Release, Ignition, Explosion, Fire, Fire fighting/Emergency response, Release, Remove

General accident information

Class/Quality	****
Year	1977
Summary	Wrongly dismantling of an Actuator caused very large Accident and at least 91 casualties
Country	MEX
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Hydrochloric acid, Natural gas (pressurized), Vinylchloride (monomer) (vcn), Vinylchloride (monomer) (vcn), Vinylchloride (monomer) (vcn)
Cause	Human-failure
Fatalities/Injuries	1 / 93
Occurrences or events	Chemical reaction, Maintenance, Maintenance, Repair, Remove, Dismount/Disconnect, Wrong-action, Blowout, Release, Emergency-stop, Fire fighting/Emergency response, Not-working, Defective-working, Fire fighting/Emergency response, Solidify/Icing, Overpressure, Blowout, Disperse/Spread, Penetrate/Puncture, Evacuation, Traffic-interruption, Ignition, Fire, Fire fighting/Emergency response, Safety-measures, Bleve, Fireball, Explosion, Bleve, Fireball, Blow-away, Burst/Rupture, Blow-away, Collision, Blow-away, Collision, Blow-away, Blow-away, Collision, Blow-away, Burst/Rupture, Release, Human-operations, Defective-working, Burst/Rupture, Blow-away, Fall, Blow-away, Collision, Fire, Burst/Rupture, Blow-away, Burst/Rupture, Blow-away, Collision, Physical effects, Blow-away, Fire, Burst/Rupture, Release, Smoke-emission, Natural event, Chemical reaction, Damage

General accident information

Class/Quality	1976
Year	1976
Summary	Rupture of gaspipeline by Explosion by blower
Country	D
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Burst/Rupture, Release, Fire

General accident information

Class/Quality	1976
Year	1976
Summary	Vapour turbine failed causing gas Release and fire in gas purification Terminal
Country	AUS
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Carbon dioxide (gas), Natural gas (pressurized)

NATURAL GAS (PRESSURIZED) - PROCESSING

Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Release, Ignition, Fire

General accident information

Class/Quality	****
Year	1976
Summary	Explosion of mixture of Natural gas and air damaged Tank causing release of Chlorine & at least 1 casualty
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Air, Chlorine, Chlorine hydrate, Natural gas (pressurized), Soda lime
Cause	Human-failure
Fatalities/Injuries	1 / >1
Occurrences or events	Penetrate/Puncture, Wrong-composition, Static-electricity, Ignition, Explosion, Blow-away, Fall, Penetrate/Puncture, Release, Disperse/Spread, Pollution/Contamination, Evacuation, Chemical reaction, Chemical reaction

General accident information

Class/Quality	**
Year	1976
Summary	During start up compressor Control valves broke and Releasing gas exploded causing An explosion and 3 casualties
Country	D
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	1 / 2
Occurrences or events	Damage, Human-operations, Break, Release, Explosion

General accident information

Class/Quality	
Year	1975
Summary	Gas explosion in furnace
Country	J
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Human-operations, Wrong-composition, Ignition, Detonation

General accident information

Class/Quality	
Year	1974
Summary	Explosion in boiler
Country	NL
Activity	PROCESSING
Location	FACTORY
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Explosion

NATURAL GAS (PRESSURIZED) - PROCESSING

General accident information

Class/Quality	
Year	1974
Summary	Explosion in boiler during Switch from gas to oil
Country	GB
Activity	PROCESSING
Location	FACTORY
Chemicals	Fuel oil, Natural gas (pressurized), Rubber
Cause	Human-failure
Fatalities/Injuries	1 / 2
Occurrences or events	Switch, Ignition, Explosion

General accident information

Class/Quality	
Year	1973
Summary	Failure of start up heater Tube
Country	GB
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized), Synthesis gas
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Overheating, Burst/Rupture, Release, Ignition, Explosion, Fire, Fire fighting/Emergency response

General accident information

Class/Quality	
Year	1970
Summary	Failure of reformer outlet Header
Country	CDN
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized), Synthesis gas
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Burst/Rupture, Release, Ignition, Fire

General accident information

Class/Quality	
Year	1968
Summary	Gas fire in compressor station
Country	USA
Activity	PROCESSING
Location	PUMPSTATION
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Burst/Rupture, Release, Ignition, Fire, Human-operations

General accident information

Class/Quality	****
Year	1950
Summary	Due to polluted burners of a Flare system big amounts of H2s caused poisoning and 342 casualties
Country	MEX
Activity	PROCESSING
Location	REFINERY
Chemicals	Hydrogen sulphide (h2s), Hydrogen sulphide (h2s), Monoethanolamine, Monoethanolamine,

NATURAL GAS (PRESSURIZED) - PROCESSING

Cause	Natural gas (pressurized), Sulphur dioxide
Fatalities/injuries	Technical-failure
Occurrences or events	22 / 320
	Purify, Chemical reaction, Overflow, Wrong-composition, Pollution/Contamination, Defective-working, Defective-working, Release, Pollution/Contamination

General accident information	
Class/Quality	
Year	????
Summary	Gas explosion in firebox of Furnace
Country	??
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Natural gas (pressurized)
Cause	Human-failure
Fatalities/injuries	1 / 1
Occurrences or events	Wrong-action, Human-operations, Overfill/Overload, Ignition, Explosion

General accident information	
Class/Quality	**
Year	
Summary	Fire at gas plant was quickly extinguished
Country	AUS
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/injuries	1 / 1
Occurrences or events	Fire, Fire fighting/Emergency response