

NATURAL GAS (PRESSURIZED) - PROCESSING

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General accident information	
Class/Quality	* * *
Year	2012
Summary	Explosion at inlet header of natural gas plant Caused fireball and fire
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	0 / 0
Occurrences or events	Explosion, Fireball, Scorch, Fire, Block-of-system, Fire fighting/Emergency response, Fire fighting/Emergency response

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General accident information	
Class/Quality	* * *
Year	2012
Summary	Backhoe damaged gas line causing rupture during Pressure surge, ignition by compressor, explosion And 2 casualties
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Human failure
Fatalities/Injuries	0 / 2
Occurrences or events	Groundwork, Damage, Overpressure, Burst/Rupture, Release, Ignition, Explosion, Blow-away, Fire, Fire fighting/Emergency response

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General accident information	
Class/Quality	* * *
Year	2012
Summary	During testing at a gas compression station A valve failed causing release, explosion, fire And 90 casualties
Country	MEX
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	
Fatalities/Injuries	30 / 60
Occurrences or events	Human-operations, Defective-working, Release, Explosion, Traffic-interruption, Fire fighting/Emergency response

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General accident information	
Class/Quality	* * *
Year	2012
Summary	Explosion of pipe at a natural gas processing Plant caused fire, evacuation, shut-down and 1 casualty
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	0 / 1
Occurrences or events	Explosion, Fire, Block-of-system, Evacuation, Fire fighting/Emergency response

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General accident information	
Class/Quality	* * *
Year	2010
Summary	Worker was working on a high-pressure Separator when a line broke causing release of Natural gas, fire, explosion and 1 casualty
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 0
Occurrences or events	Maintenance, Break, Release, Fire, Explosion

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General accident information	
Class/Quality	* *
Year	2006
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	0 / 0
Occurrences or events	Fire, Fire fighting/Emergency response

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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	0 / 0
Occurrences or events	Burst/Rupture, Release, Fire, Evacuation, Traffic-interruption, Fire fighting/Emergency response

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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	0 / 2
Occurrences or events	Explosion, Blow-away, Collision, Fire, Evacuation, Fire fighting/Emergency response

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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	0 / 0
Occurrences or events	Fire, Smoke-emission, Pollution/Contamination, Penetrate/Puncture, Wrong-composition, Evacuation, Traffic-interruption, Safety-measures, Fire fighting/Emergency response, Block-of-system

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General accident information	
Class/Quality	* * *
Year	2003
Summary	Worker did routine maintenance at tower used to Remove carbon dioxide from natural gas when torch Ignited natural gas causing explosion & 1 casualty
Country	USA
Activity	PROCESSING
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	1 / 0
Occurrences or events	Maintenance, Welding/Cutting, Ignition, Explosion, Fire fighting/Emergency response

NATURAL GAS (PRESSURIZED) - PROCESSING

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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 / 0
Occurrences or events	Explosion, Fire, Block-of-system, Fire fighting/Emergency response

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General accident information	
Class/Quality	* * *
Year	2002
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

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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	0 / 0
Occurrences or events	Defective-working, Explosion, Collapse/Destroy, Damage, Fire, Fire fighting/Emergency response

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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 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

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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	0 / 0
Occurrences or events	Fire, Block-of-system, Evacuation, Fire fighting/Emergency response

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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
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	0 / 0
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

NATURAL GAS (PRESSURIZED) - PROCESSING

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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	0 / 0
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	0 / 0
Occurrences or events	Lightning, Block-of-system, Release, Safety-measures, Safety-measures

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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	0 / 0
Occurrences or events	Burst/Rupture, Release, Explosion, Fire, Block-of-system, Safety-measures, Block-of-system, Fire fighting/Emergency response, Fire fighting/Emergency response

NATURAL GAS (PRESSURIZED) - PROCESSING

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	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	0 / 2
Occurrences or events	Remove, Switch, Explosion
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	0 / 6-7
Occurrences or events	Maintenance, Burst/Rupture, Release, Ignition, Fire, Explosion, Fire fighting/Emergency response
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)
Cause	Technical-failure
Fatalities/Injuries	4 / 6
Occurrences or events	Repair, Welding/Cutting, Ignition, Explosion

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General accident information	
Class/Quality	**
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)
Cause	Technical-failure
Fatalities/Injuries	0 / 0
Occurrences or events	Defective-working, Release, Ignition, Fire

NATURAL GAS (PRESSURIZED) - STORAGE

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General accident information	
Class/Quality	* *
Year	1996
Summary	Insufficient water depth on Cup caused a release of gas From a gasholder for 4/Hours
Country	GB
Activity	STORAGE
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Unknown-cause
Fatalities/Injuries	0 / 0
Occurrences or events	Underpressure, Not-working, Release, Stench-emission, Safety-measures, Safety-measures

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General accident information	
Class/Quality	* * *
Year	1985
Summary	Cracks in fillet welds at base of vertical stay Position in the first lift cup of gasholder caused Failure of water seal and major natural gas Release during 17/Minutes
Country	GB
Activity	STORAGE
Location	GAS (PROCESS) PLANT
Chemicals	Natural gas (pressurized)
Cause	Technical-failure
Fatalities/Injuries	0 / 0
Occurrences or events	Crack, Defective-working, Release, Disperse/Spread, Block-of-system