

## METHANOL - PROCESSING

General accident information	
Class/Quality	* * *
Year	2009
Summary	Fire broke out during mixing of methanol at Biofuel plant and caused 1 casualty
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Mix, Fire, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	2007
Summary	During maintenance at methanol plant welding Works was carried out causing an explosion And 2 casualties
Country	MAL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 2
Occurrences or events	Maintenance, Welding/Cutting, Explosion, Fire fighting/Emergency respons
General accident information	
Class/Quality	* * *
Year	2006
Summary	During cleaning of methanol during maintenance Welding was done causing an explosion and fire And 4 casualties
Country	MAL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	3 / 1
Occurrences or events	Maintenance, Clean, Welding/Cutting, Explosion, Fire, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	2002
Summary	Overpressurized steam jacket of Oil-containing reactor caused Fire on methanol tanks, Explosions and evacuation
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol, Oil n.o.s.
Cause	Management-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Management-failure, Overpressure, Fire, Ignition, Explosion, Smoke-emission, Evacuation, Shelter-in-place, Traffic-interruption, Fire fighting/Emergency response

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General accident information	
Class/Quality	* * *
Year	1998
Summary	During manual loading through feedbox of reactor An explosion occurred causing broken windows and 5 casualties
Country	I
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Acetone, Inflammable solvent, Methanol, Thioridazine hydrochloride
Cause	Management-failure
Fatalities/Injuries	1 / 5
Occurrences or events	Management-failure, Fill, Not-cleaned, Static-electricity, Ignition, Explosion, Fire fighting/Emergency response
General accident information	
Class/Quality	* *
Year	1996
Summary	Explosion, which occurred in a Vent line, blew off exterior Panels of the unit
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Maintenance, Explosion, Damage
General accident information	
Class/Quality	* *
Year	1995
Summary	Chemical factory was shaken by Several explosions and Firefighters were unable to Tackle the blaze
Country	RC
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	3 / 3
Occurrences or events	Explosion, Fire, Explosion, Fire fighting/Emergency response
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

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General accident information	
Class/Quality	* * *
Year	1994
Summary	Explosion caused damage to Methanol unit and 3 casualties Power supplies knocked out to Neighbouring units
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Ammonia, Inflammable gas, Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 3
Occurrences or events	Human-operations, Purging, Defective-working, Penetrate/Puncture, Ignition, Fire, Penetrate/Puncture, Explosion, El-power-brake, Fire, Blow-away, Penetrate/Puncture, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	1994
Summary	A wrong line was opened and a Tank overfilled and released Its product
Country	NL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Wrong-action, Overfill/Overload, Safety-measures, Release, Recover, Block-of-system
General accident information	
Class/Quality	* * *
Year	1992
Summary	Air entered tank through leak, Tank exploded during welding
Country	D
Activity	PROCESSING
Location	TANKYARD/TANK FARM
Chemicals	Dimethyl terephthalate, Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 3
Occurrences or events	Repair, Dismount/Disconnect, Human-operations, Damage, Penetrate/Puncture, Wrong-composition, Mount/Connect, Underheating, Condensation, Wrong-composition, Welding/Cutting, Ignition, Explosion, Burst/Rupture, Blast-wave, Blow-away, Penetrate/Puncture, Release, Fire, Fire fighting/Emergency response, Block-of-system

## METHANOL - PROCESSING

General accident information	
Class/Quality	* * *
Year	1991
Summary	Welding at a storage tank Caused an explosion and two Workers were killed
Country	D
Activity	PROCESSING
Location	STORAGE/DEPOT
Chemicals	Formaldehyde (formalin), Formaldehyde solution (formalin), Methanol, Water
Cause	Unknown-cause
Fatalities/Injuries	2 / 12
Occurrences or events	Repair, Welding/Cutting, Overheating, Explosion, Blow-away, Deformation
General accident information	
Class/Quality	* *
Year	1991
Summary	Reactor refractory failed due To overheating
Country	MAL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Overheating, Burst/Rupture, Blow-away, Release
General accident information	
Class/Quality	* *
Year	1986
Summary	Released chemical mixed with Cooling water flowed into a River
Country	D
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Release, Mix, Pollution/Contamination
General accident information	
Class/Quality	
Year	1983
Summary	Fire in compressor house of Methanol plant
Country	LAR
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Release, Ignition, Fire

## METHANOL - PROCESSING

General accident information	
Class/Quality	* * *
Year	1985
Summary	Fire in a factory, caused by Ignition of methanol
Country	GB
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Overpressure, Overflow, Release, Ignition, Fire, Fire fighting/Emergency response
General accident information	
Class/Quality	
Year	1985
Summary	Fire at chemical factory
Country	D
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol, Oil n.o.s.
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Overheating, Overflow, Ignition, Fire, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	1982
Summary	Fire at chemical factory
Country	D
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Bromine, Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Electrical failure, Short-circuiting, Release, Ignition, Fire, Smoke-emission, Pollution/Contamination, Fire fighting/Emergency response, Shelter-in-place, Shelter-in-place
General accident information	
Class/Quality	* * *
Year	1978
Summary	Explosion and fire at oxidation plant of Petro-chemical works completely destroyed Parts of the plant
Country	MEX
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol, Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Mechanical failure, Release, Disperse/Spread, Explosion, Fire

## METHANOL - PROCESSING

General accident information	
Class/Quality	
Year	1978
Summary	Explosion in mixing vessel
Country	NL
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Fill, Explosion, Fire, Fire fighting/Emergency response
General accident information	
Class/Quality	
Year	1976
Summary	Explosion in welding unit
Country	NL
Activity	PROCESSING
Location	SCHOOL
Chemicals	Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Welding/Cutting, Ignition, Explosion, Fire
General accident information	
Class/Quality	* *
Year	1973
Summary	Methanol vapours from reactor Escaped into the open air and Ignited causing 7 casualties
Country	USA
Activity	PROCESSING
Location	CHEMICAL FACTORY
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	7 / 1
Occurrences or events	Release, Ignition, Explosion, Evacuation

## METHANOL - STORAGE

General accident information	
Class/Quality	* * *
Year	2009
Summary	Methanol fire at solvents warehouse caused Smoke-emmission and environmental damage
Country	IND
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Inflammable solvent, Methanol
Cause	Management-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Management-failure, Fire, Smoke-emission, Pollution/Contamination, Disperse/Spread, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	2008
Summary	Storage tank at chemical plant exploded during Welding work at a distance of 50/M from the tank Causing fire, evacuation and 13 casualties
Country	E
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Ethanol, Methanol
Cause	Unknown-cause
Fatalities/Injuries	2 / 12
Occurrences or events	Maintenance, Welding/Cutting, Explosion, Fire, Evacuation, Fire, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	2008
Summary	Explosion in top of tank through overpressured Safety system, caused huge fire at tank farm with Methanol and needed crews spraying seawater and Evacuation of population the area
Country	IND
Activity	STORAGE
Location	TANKYARD/TANK FARM
Chemicals	Methanol, Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Overpressure, Explosion, Blow-away, Fire, Overheating, Evacuation, Fire fighting/Emergency response, Fire fighting/Emergency response, Fire fighting/Emergency response
General accident information	
Class/Quality	* * *
Year	2008
Summary	Methanol vapours ignited by spark from electric Motor after manhole cover was left open on storage Tank at biodiesel plant causing fire, evacuation, damage and 4 casualties
Country	USA
Activity	STORAGE
Location	CHEMICAL FACTORY
Chemicals	Biodiesel, Glycerin, Glycerin, Methanol
Cause	Human-failure
Fatalities/Injuries	1 / 4
Occurrences or events	Wrong-position, Heating, Release, Human-operations, Ignition, Explosion, Fire, Blow-away, Fire, Evacuation, Overheating, Overpressure, System-operations, El-power-brake, Fire fighting/Emergency response

## METHANOL - STORAGE

General accident information	
Class/Quality	* * *
Year	2005
Summary	Crack in housing of valve at methanol storage Tank at chemical distributor caused release
Country	NL
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Methanol
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Maintenance, Crack, Release, Pollution/Contamination, Safety-measures, Fire fighting/Emergency response, Repair, Defective-working, Remove, Transfer
General accident information	
Class/Quality	* * *
Year	2004
Summary	Warehouse caught fire causing explosions in drums With methanol, ethanol, xylene, hexane and propane Cylinders and evacuation
Country	MAL
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Hexane, Methanol, Propane, Toluene (toluol/Methylbenzene), Xylene/Xylol /Dimethylbenzene
Cause	Sabotage/Vandalism/Terrorism
Fatalities/Injuries	1 / 1
Occurrences or events	Fire, Explosion, Evacuation
General accident information	
Class/Quality	* * *
Year	2004
Summary	Vandals likely were responsible for opening Valves at 6 storage tanks causing release of Inflammable liquid, mostly solvents into Containment area and evacuation
Country	USA
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Acetone, Inflammable solvent, Isopropyl acetate, Methanol, Toluene (toluol/Methylbenzene), Xylene (ortho), Xylene (para), Xylene/Xylol /Dimethylbenzene
Cause	Sabotage/Vandalism/Terrorism
Fatalities/Injuries	1 / 1
Occurrences or events	Wrong-action, Wrong-action, Wrong-position, Release, Pollution/Contamination, Evacuation, Fire fighting/Emergency response, CI
General accident information	
Class/Quality	* * *
Year	2004
Summary	During a hurricane methanol released from A line out of an aboveground storage tank Causing pollution of soil
Country	USA
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Methanol
Cause	Natural-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Natural event, Natural event, Release, Pollution/Contamination



## METHANOL - STORAGE

General accident information	
Class/Quality	*
Year	2002
Summary	A pump on storage tank failed Causing release of methyl Alcohol
Country	USA
Activity	STORAGE
Location	PUMPSTATION
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Release, Pollution/Contamination, Clean-up
General accident information	
Class/Quality	* * *
Year	1998
Summary	Leaking natural gas at a feed Warehouse at elevator ignited By truck causing explosion, Fire and 2 casualties
Country	USA
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Chemical n.o.s., Methanol, Natural gas (pressurized), Oil n.o.s.
Cause	Unknown-cause
Fatalities/Injuries	1 / 2
Occurrences or events	Release, Human-operations, Ignition, Explosion, Fire, Fire fighting/Emergency response, Safety-measures
General accident information	
Class/Quality	* * *
Year	1995
Summary	Lightning struck a tank with Methanol causing a raging fire And evacuation of people and The help of an air force base
Country	USA
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Methanol, Solvent toxic
Cause	Natural-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Lightning, Fire, Overheating, Blow-away, Evacuation, Fire fighting/Emergency response
General accident information	
Class/Quality	* *
Year	1995
Summary	Fire occurred in a tanker with Methanol causing 5 casualties And some pollution of river
Country	D
Activity	STORAGE
Location	STORAGE/DEPOT
Chemicals	Methanol
Cause	Unknown-cause
Fatalities/Injuries	1 / 4
Occurrences or events	Fire, Release, Pollution/Contamination

## METHANOL - STORAGE

General accident information	
Class/Quality	* * *
Year	1994
Summary	Lightning caused a methanol Tank to explode
Country	D
Activity	STORAGE
Location	TANKYARD/TANK FARM
Chemicals	Methanol
Cause	Natural-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Lightning, Ignition, Explosion, Fire, Fire fighting/Emergency response, Traffic-interruption, Remove, Collapse/Destroy, Clean
General accident information	
Class/Quality	* * *
Year	1994
Summary	Workers were cutting at wrong Tank with methyl alcohol when An explosion occurred causing 5 casualties
Country	USA
Activity	STORAGE
Location	TANKYARD/TANK FARM
Chemicals	Methanol
Cause	Human-failure
Fatalities/Injuries	1 / 4
Occurrences or events	Maintenance, Welding/Cutting, Wrong-position, Explosion, Blow-away
General accident information	
Class/Quality	
Year	1987
Summary	Release of chemicals from an Underground storage tank into The city sewer system
Country	USA
Activity	STORAGE
Location	CHEMICAL FACTORY
Chemicals	Methanol, Toluene (toluol/Methylbenzene)
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Burst/Rupture, Release, Pollution/Contamination, Evacuation, Fire fighting/Emergency response, Repair, Clean
General accident information	
Class/Quality	* *
Year	1987
Summary	Valve failure of a tank at Chemical factory caused Leakage of cooling liquid into River
Country	CH
Activity	STORAGE
Location	CHEMICAL FACTORY
Chemicals	Cooling liquid, Methanol, Water
Cause	Technical-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Defective-working, Release, Pollution/Contamination

## METHANOL - STORAGE

General accident information	
Class/Quality	
Year	1985
Summary	Explosion during welding on Top of a drum containing Methanol
Country	CDN
Activity	STORAGE
Location	GARAGE
Chemicals	Methanol
Cause	Human-failure
Fatalities/Injuries	1 / 1
Occurrences or events	Welding/Cutting, Ignition, Explosion
General accident information	
Class/Quality	* * *
Year	1975
Summary	During cleaning a storage tank Explosion and fire occurred Causing 1 casualty
Country	NL
Activity	STORAGE
Location	CHEMICAL FACTORY
Chemicals	Glycol, Methanol, Naphtha solvent
Cause	Unknown-cause
Fatalities/Injuries	1 / 1
Occurrences or events	Clean, Break, Ignition, Explosion, Fire