

# NATIONAL BOARD INCIDENT REPORT FORM

INCIDENT REPORT #   
(for NB use)

REPORT DATE		JURISDICTION			INCIDENT DATE	
TYPE OF INCIDENT (See Legend)				TYPE OF BUSINESS WHERE USED (Hospital/School, Mfg., etc.)		
PRIMARY CAUSE (See Legend)				CONTRIBUTING CAUSE (See Legend)		
MANUFACTURED BY				NB #		MFR. #
YEAR BUILT		MAWP		TYPE/USE OF PRI (See Legend)		
To what Code was PRI built? (1998 ASME Sect. I, etc.)				Was a PRD installed? <input type="checkbox"/> Yes <input type="checkbox"/> No		Was installed PRD adequate? <input type="checkbox"/> Yes <input type="checkbox"/> No
SET PRESSURE OF PRD		(1)	(2)	(3)	Was PRD ASME/NB marked? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Does Jurisdiction require licensed operators? <input type="checkbox"/> Yes <input type="checkbox"/> No				Was a licensed operator present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Does Jurisdiction require periodic inspections? <input type="checkbox"/> Yes <input type="checkbox"/> No				Was the current certificate posted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Were previous repairs/alterations made? <input type="checkbox"/> Yes <input type="checkbox"/> No				Were "R" Forms completed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Was there evidence of undocumented repairs? <input type="checkbox"/> Yes <input type="checkbox"/> No				Were previous violations reported? <input type="checkbox"/> Yes <input type="checkbox"/> No		
NUMBER KILLED			NUMBER INJURED		ESTIMATED PROPERTY DAMAGE	

Brief description of incident (Additional data may be attached on a separate sheet). If an official Jurisdictional report is available, please attach it to this sheet.

Additional comments (violation history, adverse conditions, etc.):

SUBMITTED BY	AFFILIATION
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# Legend

## Type of Incident

Crack	Leak
Dry Fire	Rupture
Fire	Other
Fire Side Explosion	Unknown
Pressure Side Explosion	

## Abbreviations

ASME –	American Society of Mechanical Engineers
Mfg. –	Manufacturing
Mfr. –	Manufacturer
NB –	National Board
PRD –	Pressure relief device
PRI –	Pressure retaining item
“R” Form –	NB repair or alteration form

## Type/Use of PRI

### Pressure Vessel

Acetylene or Welding Gas	Oil Storage/Processing
Anhydrous Ammonia	Oxygen Storage/Processing
Air Receiver/Tank Mounted Compressor	Pressure Vessel–Fired
Air Receiver/Remote Compressor	Pressure Vessel–Unfired
Butane	Propane Storage/Processing
Chemical Storage/Processing	Reactor Vessel
Cryogenic Vessel	Rotating Dryer Roll
Diesel Storage/Processing	Scuba or Diving Cylinder
Ethylene Storage/Processing	Water Storage/Processing
Gasoline Storage/Processing	Other
Liquid Hydrogen Storage/Processing	Unknown
Natural Gas Storage/Processing	

### Boiler

Firetube–Hot Water Supply
Firetube–Heating
Firetube–Power
Firetube–Process
Watertube–Hot Water Supply
Watertube–Heating
Watertube–Power
Watertube–Process
Water Heater
Cast Iron
Other
Unknown

### Piping

Air	Steam
Chemical	Water
National Gas/Propane	Other
Petroleum Products	Unknown

## Primary Cause

Burner Malfunction	Leak–Origin Unknown
Chemical Reaction	Leak in Vessel Wall
Corrosion	Leak at Weld
Dry Firing	Leak–Other
Electrical Malfunction	Low Water Cutoff Failure
Erosion	Opened Under Pressure
External Fire or Explosion	Overpressure
Exterior Gas or Fumes	Stress–Thermal/Cyclic/Water Hammer
Failure in Hydrostatic Test	Other
Failure in Pneumatic Test	Unknown
Leak in Connection	

## Contributing Cause

Arson	Improper or No Maintenance	PRD Faulty	Vandalism
Design Error/Engineering	Improper Repair/Modification	PRD Missing	Weld Defect
Improper Connections	Manufacturing Error	PRD Stuck Shut	Other
Improper Filling	Murder Attempt	PRD Undersized	Unknown
Improper Firing	Object Striking Vessel or Pipe	Sabotage	
Improper Gas Ignition	Opened Under Pressure	Suicide Attempt	
Improper Installation	Operator Error	Use contrary to design parameters	