

Incident Summary (Reference #5579442) (Final)

SUPPORTING INFORMATION	Incident Date		February 24, 2016
	Location		Near Wonowon, BC
	Regulated industry sector		Boiler and Pressure Vessel System
	Impact	Qty Injuries	None
		Injury description	Non-applicable.
		Injury rating	None
	Damage	Damage description	Cracked sight glass.
		Damage rating	Moderate
	Incident rating		Moderate
INVESTIGATION CONCLUSIONS	Incident overview		Gauge glass cracked and filled compressor building with natural gas. Operator inside room at time of incident, activated the emergency shut down to depressurize the compressor.
	Site, system and components		It is expected that if the operator had not activated the emergency shut down the building sensors would have triggered an alarm isolating the compressor building through process emergency shut down.
	Failure scenario(s)		<ul style="list-style-type: none"> - Possible vibration acting on sight glass, - Possible sight glass deterioration
	Facts and Evidence		<ul style="list-style-type: none"> - The sight glass was sent out to a third party vendor for analysis. It was determined that the gasket had failed.
INVESTIGATION CONCLUSIONS	Causes and Contributing Factors		<ul style="list-style-type: none"> - It is highly probable that the gasket failure resulted in the natural gas release.

Photos or diagrams (if necessary)