



**STATIC EQUIPMENT INSPECTION REPORT**

**COMPANY:** \_\_\_\_\_ **JOB #:** \_\_\_\_\_

District: \_\_\_\_\_ Facility: \_\_\_\_\_ LSD: \_\_\_\_\_ Skid: \_\_\_\_\_

Item Insp.: \_\_\_\_\_

**VESSEL DATA**

Equip#: \_\_\_\_\_ Serial #: \_\_\_\_\_ ABSA#: \_\_\_\_\_ CRN #: \_\_\_\_\_  
 Manuf: \_\_\_\_\_ Code/Div.: \_\_\_\_\_ Para: \_\_\_\_\_ Code Stamp: \_\_\_\_\_  
 Yr. Built: \_\_\_\_\_ Size: \_\_\_\_\_ Actual Estimate Insulated: \_\_\_\_\_  
 Service: \_\_\_\_\_ PWHT: \_\_\_\_\_ R.T.: \_\_\_\_\_ Repairs: \_\_\_\_\_

**Nominal Thickness & Material**

	Nominal	Material	C.A.	Orientation:	VERTICAL	HORIZONTAL
Top Head:	_____	_____	_____	Status:	IN SERVICE	OUT OF SERVICE
Bottom Head:	_____	_____	_____	Skid Foundation:	_____	
Shell:	_____	_____	_____	Manway:	YES SIZE: _____	
Shell:	_____	_____	_____		NO	
Tube:	_____	_____	_____			

**Reason for Inspection**

- PLANNED - IN SERVICE
- PROBLEM INVESTIGATION
- PROCESS CHANGE
- COMMISSIONING

Oper. Pres: \_\_\_\_\_ psi kPa Oper. Temp: \_\_\_\_\_ °F °C  
 MAWP Shell: \_\_\_\_\_ psi kPa Temp: \_\_\_\_\_ °F °C  
 MAWP Tube: \_\_\_\_\_ psi kPa Temp: \_\_\_\_\_ °F °C

Comments: \_\_\_\_\_

**PSV INFORMATION**

**S = SHELL SIDE    T = TUBE SIDE    P = PIPING**

Location:	_____	S	_____	S
Manufacturer:	_____	T	_____	T
Serial #:	_____	P	_____	P
PSV #:	_____		_____	
CRN:	_____		_____	
Model:	_____		_____	
Set Press:	_____		_____	
Capacity:	_____		_____	
Status:	_____		_____	
Inlet Size :	_____		_____	
Outlet Size :	_____		_____	
Conn Type (F/T):	_____		_____	
Serviced By:	_____		_____	
Last Service Date:	_____		_____	

**PSV INSPECTION**

Good condition	Yes	No
Vertically orientated	Yes	No
Set pressure ≤ Vessel MAWP	Yes	No
Bonnet seal wire is intact	Yes	No
Service tag attached & dated	Yes	No
Discharge to safe location	Yes	No
Vibrating service	Yes	No

Inlet Isolation valves sealed open:

YES    NO    N/A

Outlet Isolation valves sealed open:

YES    NO    N/A

Inspection Requested By: \_\_\_\_\_ Inspection Date: \_\_\_\_\_

Inspection Performed By: \_\_\_\_\_ Certification # \_\_\_\_\_

Chief Inspector: \_\_\_\_\_ Certification #: \_\_\_\_\_

# EXTERNAL VISUAL INSPECTION

<u>Remedial Action</u>	<u>Access &amp; Coverage</u>	<u>Other</u>	<u>Shell</u>	TOP BOTTOM
<b>No Action Required</b>	Poor Cleaning	See Comments		Good Condition
Paint Repairs	Partial Int. Inspection	Ground Cable	Y N	External Corr.
Repair Weld - S.R.	External Inspection	Ladders/Handrail/ Walkway Damage		Pitted - Light
Repair Weld - No S.R.	NDE Inspection	Nameplate Secure	N	Pitted - Severe
Grind Out	MT UT	Nameplate Legible	N	Scaled - Light
See Comments	RT BH	See Attached Pictures		Scaled - Heavy
	PT Other			Blistered
				N/A Insulated

<u>Nozzles/Sight glasses</u>	<u>External Protection</u>	<u>Welds</u>	<u>Supports</u>
Good Condition	Good Condition	Good Condition	Good Condition
Cracked	Fireproofing Cracked	Corroded	Distorted
Scaled	Insulation Damaged	Cracked	Cracked
Plugged	Paint Deteriorated	Broken	Broken
Poor Welding	Corrosion Under Insulation (CUI)	Poor Quality	Poor Installation
Leaking	Asbestos		Bolts Missing/ Loose/Damaged
Seal Face Corrosion			Support Ring
Bolts Missing/Loose/ Damage	Insulated		Damaged
Partial Int. Inspection			N/A

<u>Heads</u>	TOP NORTH WEST	<u>Heads</u>	BTM SOUTH EAST	<u>Pressure/Temp. Gauge</u>	<u>Vessel Repad</u>
Good Condition		Good Condition		Glass Intact	N/A
External Corrosion		External Corrosion		YES	Vent Holes
Pitted - Light		Pitted - Light		NO	1
Pitted - Severe		Pitted - Severe		Within Operating Limits	2
Scaled - Light		Scaled - Light		YES	Plugged
Scaled - Heavy		Scaled - Heavy		NO	YES
Blistered		Blistered		Obvious Leaks	NO
				YES	
				NO	

<u>PIPING - PSV</u>	<u>PIPING - INLET</u>	<u>PIPING - OUTLET</u>	<u>PIPING - DRAIN</u>
Good Condition	Good Condition	Good Condition	Good Condition
External Corrosion	External Corrosion	External Corrosion	External Corrosion
Pitted	Pitted	Pitted	Pitted
Supported	Supported	Supported	Supported
Welded	Welded	Welded	Welded
Threaded Fittings	Threaded Fittings	Threaded Fittings	Threaded Fittings
Deadlegs	Deadlegs	Deadlegs	Deadlegs

# EXTERNAL VISUAL INSPECTION

## OBSERVATIONS:

Vessel is in Good Condition

API 510 External Inspection confirmed the equipment is fit for continued service

NOT FIT FOR SERVICE, DETAILS BELOW

## RECOMMENDATIONS:

## COMMENTS:

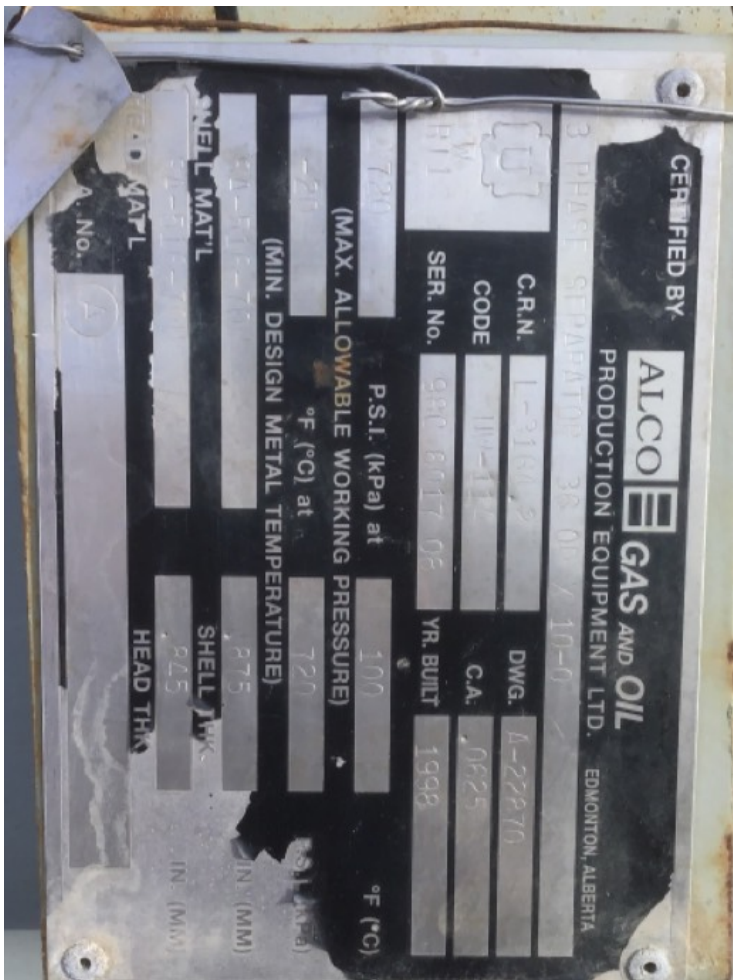
PICTURES:

# Skid# Yard



D.P.

SN# 98C 6017 08



Top Head



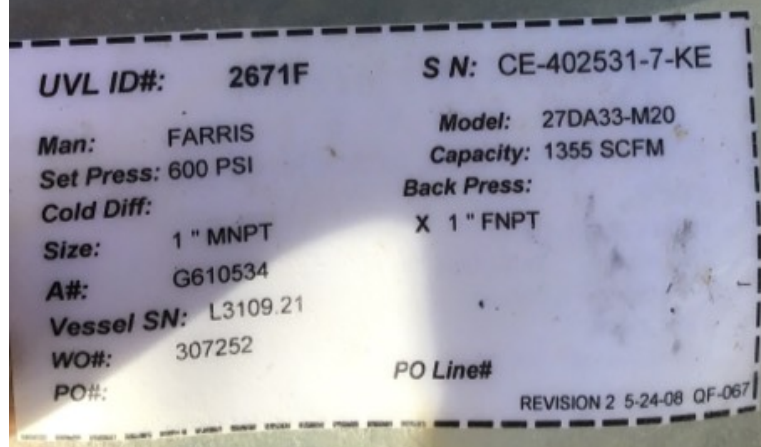
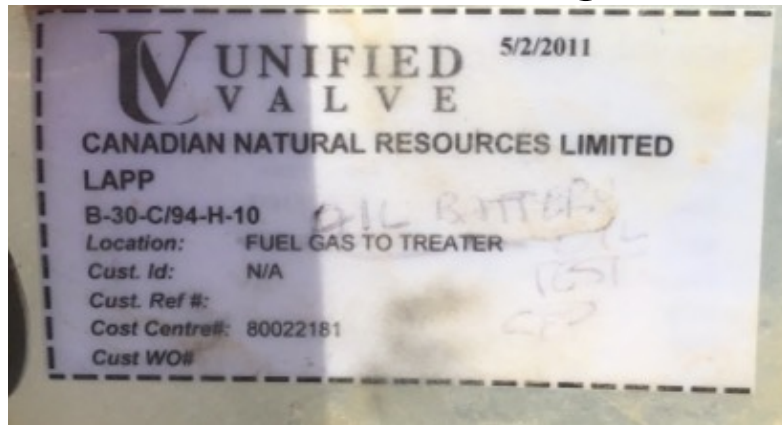
Bottom Head



PSV



# PSV Service Tag



# PSV D.P.

