



Canadian Natural

Pressure Vessel External Visual Inspection Report

Report #: **EV_A 3177332_nov2011**
Inspection Date: **Nov 22, 2011**
Inspection Company: **Lance Inspections Inc.**
Inspector: **Lance Smith**

LSD: 08-03-74-10 w6m

Description: **Vertical Separator**

UTS Drawing#: **1**

Item	N/A	Condition	Comment	NCR	Action Item Integrity	Action Item Maintenance
Nameplate		Good				
Foundation and Supports		Good				
Anchor Bolts	x					
Grounding		Good				
Insulation Condition	x					
PSV		Good				
Shell Heads and Nozzles		Fair	Minor external corrosion noted.			
Metal Surfaces (Paint)		Fair	Bottom head in need of paint.			
Aux Equipment	x					
Cathodic Protection	x					
Alignment		Good				
Flange Connections		Good				
Pressure Gauge		Good	0 to 1400 kPa			
Temperature Gauge	X					
Sight Glass		Good				
Ladder / Platform	X					
Leaks		None				
Piping from Vessel		Good				
Previous UT Survey	x					

External Visual Observations:

Vessel was not in service at the time of inspection.

Recommendations:

Paint bottom head of vessel.

This vessel and associated components appear fit for service at this time.

INSPECTED BY
LANCE SMITH
API 510 #28860