

FACILITY INSTALLATION / READINESS CHECKLIST

<input checked="" type="checkbox"/> Installation Inspection	<input type="checkbox"/> Start-up Readiness
<input type="checkbox"/> Relocation	<input type="checkbox"/> Return from Idle

REPORT

Shop Inspector

Date

Field Inspector

Date

20190404GGb

N/A

N/A

Greg Guenette

APRIL 4, 2019

FACILITY INFORMATION

FACILITY:		Ansell		LSD :		103/08-23-50-19W5DH (05-26 Surface)	
Facility Description	<input type="checkbox"/> Gas Plant	<input type="checkbox"/> Oil Battery	<input type="checkbox"/> Compressor Station	<input type="checkbox"/> Satellite	<input checked="" type="checkbox"/> Sweet		
	<input type="checkbox"/> Wellhead Compressor	<input checked="" type="checkbox"/> Single Well Battery	<input type="checkbox"/> Booster Compressor	<input type="checkbox"/> Sour			
Business Unit	W5 (Edson Asset)		Superintendent	Doug Kijewski		Foreman	Jeffry Grocock
Facility Status	<input checked="" type="checkbox"/> New	<input type="checkbox"/> In-Service	<input type="checkbox"/> Acquired	- Previous Owner			
	<input type="checkbox"/> Moved From Other Site - Name & LSD						
General Age of Facility / Equipment		0 yrs		Winter Access Only		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Facility Flow Rate	Design	440 e3m3/day		Normal Operating	400 e3m3/day <u>max</u>		
Facility Max Pressure	Design	9930		Normal Operating	5000 Kpa		
Facility Max Temp	Design	46 Deg C		Normal Operating	35 Deg C		
Facility Min Temp	Design	-29 Deg C		Normal Operating			

EQUIPMENT INFORMATION (Identify number at facility)

Separator	3	Glycol Contactor		Fired Heater		Meter Run	1
Pulsation Dampner		Scrubber	1	Boiler			
Treater		S & T Heat Exchanger		Storage Tank	1		
Free Water Knockout		Air Cooled Exchanger		Safety Valves	3		

INSPECTION CHECK LIST (To be completed for all new Installations, Start-up, Relocation & idle equip returned to service)

Task	Sub Task	Shop Accept		Field Accept		
		Yes	No	Yes	No	
Readiness CheckList (Not req'd for relocation in same operating area)	Punch-out checklist complete			X		
	Category A items resolved			X		
	Category B items action planned			X		
	License to Operate / Certificate of Inspection rec'd			N/A	N/A	
Design Check (location and type verification) <i>For relocation verify no changes have been made</i>	Relocation - no changes made			N/A	N/A	
	Equipment Layout matches Plot Plan	N/A	N/A	X		
	Pressure Equipment matches P & ID	N/A	N/A	X		
	Pressure Relief Devices match P & ID	N/A	N/A	X		
	Piping & Valves match P & ID	N/A	N/A	X		
	Instrumentation matches P & ID	N/A	N/A	X		
Inventory Check (equipment is entered in SEIM - identify any corrections or missing items on page 3 & 4 <i>For relocation or idle return to service check SEIM against equipment.</i>	Relocation - no changes made, all items in SEIM			X		
	Pressure Equipment	N/A	N/A	X		
	Safety Relief Devices	N/A	N/A	X		
	Storage Tanks	N/A	N/A	X		
	Press Equip reconciled to Jurisdiction list			X		
	Inspection intervals reviewed and accepted			X		
	Jurisdiction notified of new equipment			X		
Documentation <i>For relocation verify all docs are transferred to new site</i>	Relocation - all docs transferred to new site			N/A	N/A	
	Shop Vendor QC Data available on site			X		
	Field Construction QC Data complete			X		
	P & ID , Piping Line List in SAP			X		
	Equipment & PSV Data Sheets in SAP			X		
	Regulatory Inspection Certificate received			X		Data Integrity working on
	Operating Procedures on site			X		
	PSV isolation valve log established			N/A	N/A	
Commissioning <i>For relocations address items with * only</i>	Blinds and blanks removed			X		
	Operating gaskets in place			X		
	Start-up strainers and screens in place			X		
	* Flushing , draining & purging complete			X		
	Instrumentation calibration complete			X		
	* PSVs serviced per Interval & set press correct			X		
	* PSV & other CSO valves verified			X		
	* Shutdowns & Control Logic tested & OK			X		
	* Safety Equipment in place			N/A	N/A	
Integrity Readiness (See page 2 for details)	Inspections per page 2 complete & accepted			X		
	Inspection history reviewed & SEQA intervals set			X		
	PSV isolation valve procedure in place			X		
	Corrosion Inhibitors installed			X		
	Cathodic Protection system installed			X		
	Low temp start-up procedure in place			N/A	N/A	
Training & Awareness (Not req'd for relocation in same operating area)	PEIM program orientation complete			N/A	N/A	
	NCR process training complete			N/A	N/A	
	PSV isolation valve procedure training complete			N/A	N/A	
	Low temp start-up training complete			N/A	N/A	

REPORT #

FACILITY INSTALLATION / READINESS CHECKLIST

DETAILED INSPECTION CHECK LIST (Not required for relocation in same operating area)

Task	Sub Task	Field Accept		Comments
		YES	NO	
Equipment Nameplate <i>(verify in place and clearly legible)</i> <i>Identify any missing or incorrect SEIM data on page 3 or 4</i>	Verified to Data Sheet	X		
	Prov. Reg Number assigned	X		
	Correct CRN for Prov. of install	X		
	Serial Number	X		
	Design Pressure	X		
	Max & Min Design Temp	X		
	Manufacturer's Name	X		
	Year Built	X		
Concrete Foundation	Deterioration Condition			
	Anchor Bolts Sound			
Steel Supports	Mechanical / Weld Condition	X		
	Paint Condition	X		
	Fireproofing condition	X		
	Skirt Opening for Inspection	X		
Grounding Connections	In Place , Secure & Condition	X		
Vessel & Nozzles Internal & External Surface	UT Thickness Survey complete	X		Date of last inspection APRIL 8, 2019
	Pitting / Corrosion	X		
	Scaling	X		
	Blisters & Bulges	X		
	Hot Spots	X		
	Mechanical Damage	X		
	Paint	X		
	Insulation	X		
Piping	UT Thickness Survey complete	X		Date of last inspection APRIL 8, 2019
	Internal / External Corrosion	X		
	Supports	X		
	Insulation	X		
	Gaskets (Type, Rating)	X		
	Bolting (Short, grade, Size)	X		
	Leaks Present	X		
Ladders & Platforms	Mechanical Condition			
	Paint / Corrosion Condition			
	Attachments			
Pressure Relief Devices	Seals in Place	X		
	Installed in Correct Location	X		
	Installed in Upright Position	X		
	PSVs serviced per Interval & set press correct	X		
	Isolation Valves Carsealed Open	X		
	No pipe stresses on inlet or outlet	X		
	No evidence of leakage	X		
Instrumentation	Installed in Correct Location	X		
	Calibration Verified	X		
	No evidence of leakage	X		
Compressors	Vibration levels (if running)			<input type="checkbox"/> High <input type="checkbox"/> Med <input type="checkbox"/> Low
	Dampener UT/MT Complete			Date of Last Inspection
	Bottles adequately supported			
	Piping adequately supported			
	PSVs adequately supported			

Summary of findings and recommendations: (Add page if required)

DEFICIENCIES IDENTIFIED	
DEFICIENCY	Ref. IDR/NCR
1.	
2.	
3.	
4.	
5.	
6.	

SIGN-OFF

Inspector/Construction Rep	Operations Rep
Signature	Signature
Agency	Date
Date	Lead Inspector
	Cert #
	Signature
	Date

REPORT # _____

FACILITY INSTALLATION / READINESS CHECKLIST

Pressure Equipment Data To be completed only if equipment not identified in SEIM or if SEIM data is incorrect

	Item # 1	Item # 2	Item # 3	Item # 4	Item # 5	Item # 6	Item # 7	Item # 8	Item # 9
Tag #									
Description	3 PHASE SEP. REINSTALL INSPECTION	F/G SCRUBBER REINSTALL INSPECTION	UPPER SAND FILTER	LOWER SAND FILTER					
SAP #	66069252	66069255							
Provincial Reg #	481492		681183	681184					
Serial #	128-80-02	128-56-01	1J187583A	1J187583B					
CRN	P3289.2	OH1531.123	V9251.21	V9251.21					
Manufacturer	MAR-QUINN	MAR-QUINN	ENERCORP	ENERCORP					
Year Built	2002	2002							
Shell MAWP	10204 kPa	1724 kPa	3000 PSI	3000 PSI					
Shell Max Temp	38°C	38°C	200°F	200°F					
Shell Min Temp	-29°C	-29°C	-50°F	-50°F					
Tube MAWP									
Tube Max Temp									
Tube Min Temp									
Shell Sweet or Sour	Sweet	Sweet	Sweet	Sweet					
Tube Sweet or Sour									
<u>Date of Last Inspect</u>	April 2019	April 2019	April 2019	April 2019					
<u>Req'd Interval</u>	5	5	4	4					

Storage Tank Data

	Tank # 1	Tank # 2	Tank # 3	Tank # 4	Tank # 5	Tank # 6	Tank # 7	Tank # 8	Tank # 9
Tag #	REINSTALL INSPECTION	RELOCATION INSPECTION moved from 13-33-50-19W5							
SAP #	66069257	66229775							
Manufacturer	ARGO SALES	HIGHLAND							
Serial #	11906	41-6164 4991							
Volume	15 m3	400 BBL							
Internal coating	YES	YES DEVCHEM 253							
Insulation	YES	YES							
Firetube	No	No							
<u>Date of Last Service</u>	April 2019	April 2019							
<u>Req'd Interval</u>	5								

NOTE : items in italics to be completed by Lead Inspector



FACILITY INSTALLATION / READINESS &
REGULATORY ASSESSMENT INSPECTION CHECKLIST

INSPECTOR

DATE

Safety Valve Data

	PSV # 1	PSV # 2	PSV # 3	PSV # 4	PSV # 5	PSV # 6	PSV # 7	PSV # 8	PSV # 9
Tag #									
<u>SAP #</u>	66069254	66069256							
Manufacturer	FARRIS	FARRIS	TAYLOR						
Serial #	438602-16-KE	488602-6-KE							
Model #	27DA33-M20	27DA33-M20	82D97415N1-3941-2						
CRN	0GO386.9C	0H1531.123	OG01316.2C						
Set Pressure			3000 PSI						
Capacity			10863						
Orifice Size	G	E	D						
Sweet or Sour	SWEET	SWEET	SWEET						
Installed On	APRIL 2019	APRIL 2019	April 2019						
<u>Date of Last Service</u>	APRIL 2019	APRIL 2019	April 2019						
<u>Req'd Interval</u>	5	5	5						

Equipment Protected (Identify equipment protected by Tag # , Provincial # or Serial #)

	Item # 1	Item # 2	Item # 3	Item # 4	Item # 5	Item # 6	Item # 7	Item # 8	Item # 9
PSV # 1	612783								
PSV # 2		12478							
PSV # 3			681181	681182					
PSV # 4									
PSV # 5									
PSV # 6									
PSV # 7									
PSV # 8									
PSV # 9									

NOTE : items in italics to be completed by Lead Inspector