



VISUAL INSPECTION REPORT

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Report No. A-007214

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Type of Inspection:

☒ Installation ☒ External ☐ Internal

Date:	January 10, 2005	Job#:	0004878
Inspected by:	Jeff Crabbe	Inspector's Job#:	
Client:	EOG Resources		
Owner:	EOG Resources		
Region:			
Area:	East Coulee		
Facility:		Location/LSD:	04-01-28-18 W4M
Service:	<input checked="" type="checkbox"/> Sweet <input type="checkbox"/> Sour <input type="checkbox"/> Other:		
Description:	<input type="checkbox"/> Vessel <input checked="" type="checkbox"/> Exchanger <input type="checkbox"/> Tank <input type="checkbox"/> Furnace <input type="checkbox"/> Boiler		
Unit:	Process	Equip:	
Equip Name:	Gas Chiller		
Jurisdiction #:	3027846	CRN:	M6021.2
Manufacturer:	ALCO Gas & Oil		
Serial No:	94C-5213-04	Year built:	1994

Location of PSV 1: On A3027884	
Location of PSV 2: Piping	
<input checked="" type="checkbox"/> Photographed Photo ID#: _____	

Volume:	<input type="checkbox"/> PWHT		PSV Data:	<input type="checkbox"/> Isolation Valve(s)	<input type="checkbox"/> Car-sealed open	CRN								
Zones:	MAWP	Des.T	MDMT	Op.P	Op.T	Set P	Tag#	Manufacturer	Serial No:	In	Out	Capacity	Serv. Co	Serv. Date
Shell Side:	1724kPa	66°C	-29°C			1724kPa	604017	Consolidated	94C5505	1.5"	1.5"	1938	Kings	10/04
Tube Side:	4826kPa	66°C	-29°C			4826kPa		Consolidated	94C4990	2"	3"	8959	Kings	10/04
Other:														
Components:	Material	Nominal	CA	Retire t	UT TML	Lowest t	Acc	Ret	Dia	RT	Sgl/Dbl Weld	E%	CalcTmin	
Shell:	SA-516-TO	9.5mm	1.6mm				<input type="checkbox"/>	<input type="checkbox"/>	273.1mm	3				
Head:							<input type="checkbox"/>	<input type="checkbox"/>						
Channel:	SA-350	300lb					<input type="checkbox"/>	<input type="checkbox"/>						
Tube Sheet:	SA-516-70N	44.5mm	1.6mm				<input type="checkbox"/>	<input type="checkbox"/>		3				
Other:							<input type="checkbox"/>	<input type="checkbox"/>						

Orientation:	<input checked="" type="checkbox"/> Horiz. <input type="checkbox"/> Vertical	Foundation:	<input type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Timber <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other:	Condition:	Good
Support:	<input checked="" type="checkbox"/> Saddle	<input checked="" type="checkbox"/> Seal-welded	<input type="checkbox"/> Free to move	Condition:	Acceptable
	<input type="checkbox"/> Skirt	<input type="checkbox"/> Free of debris	Comment:	Condition:	
	<input type="checkbox"/> Hangers	<input type="checkbox"/> Secure	Comment:	Condition:	
	<input type="checkbox"/> Other:	Specify:	Comment:	Condition:	

Overall:	General Condition: Acceptable	<input type="checkbox"/> Dead Leg(s)	Electrical grounding:	<input type="checkbox"/> Direct <input checked="" type="checkbox"/> Indirect <input type="checkbox"/> None
Ext. Surface:	<input checked="" type="checkbox"/> Painted <input checked="" type="checkbox"/> Insulated <input type="checkbox"/> Fire-proofed <input checked="" type="checkbox"/> Cladded <input type="checkbox"/> Other	Condition:	Acceptable	
Ext. Fixtures:	<input type="checkbox"/> Ladder <input type="checkbox"/> Platform(s) <input type="checkbox"/> Other	Condition:		
Int. Surface:	<input type="checkbox"/> Coated <input type="checkbox"/> Lined <input type="checkbox"/> Thermal sprayed <input type="checkbox"/> Cladded <input type="checkbox"/> Welded overlay	Condition:		
Int. Fixtures:	<input type="checkbox"/> Baffle <input type="checkbox"/> Float <input type="checkbox"/> Impingement plate <input type="checkbox"/> Weir <input type="checkbox"/> Vortex Breaker	Condition:		

Nozzles:	<input type="checkbox"/> Manway/Port	Size:	<input type="checkbox"/> Davit arm present <input type="checkbox"/> Davit arm greased <input type="checkbox"/> Double nutted	Condition:	
	<input type="checkbox"/> Reinforcement pads used <input type="checkbox"/> Weep holes present	Comment:			
	<input checked="" type="checkbox"/> Piping well supported <input checked="" type="checkbox"/> Joining as per code	Comment:	Acceptable		

Piping:	<input checked="" type="checkbox"/> PSV Piping:	<input checked="" type="checkbox"/> Drains properly <input checked="" type="checkbox"/> Well-coated	Comment:	Acceptable
	<input checked="" type="checkbox"/> Inlet Piping:	<input checked="" type="checkbox"/> Free from leaks <input checked="" type="checkbox"/> Well-coated	Comment:	Acceptable
	<input checked="" type="checkbox"/> Outlet Piping:	<input checked="" type="checkbox"/> Free from leaks <input checked="" type="checkbox"/> Well-coated	Comment:	Acceptable
	<input checked="" type="checkbox"/> Drain Piping:	<input checked="" type="checkbox"/> Free from leaks <input checked="" type="checkbox"/> Well-coated	Comment:	Acceptable
	<input checked="" type="checkbox"/> Instrumentation Piping:	<input checked="" type="checkbox"/> Free from leaks/kinks	Comment:	Acceptable
	<input type="checkbox"/> Process fluid identified:	<input type="checkbox"/> Flow direction marked	Comment:	
Valves:	<input checked="" type="checkbox"/> Manual isolation valve:	<input checked="" type="checkbox"/> Free from leaks	Comment:	Acceptable
	<input checked="" type="checkbox"/> Automated control valve:	<input checked="" type="checkbox"/> Free from leaks	Comment:	Acceptable
	<input checked="" type="checkbox"/> Vents and drains plugged	Comment:	Acceptable	

Gauges:	<input checked="" type="checkbox"/> Pressure	Condition:	Acceptable
	<input checked="" type="checkbox"/> Temperature	Condition:	Acceptable
Sight Glass:	<input checked="" type="checkbox"/> Fluid level	Condition:	Acceptable
		Reading:	

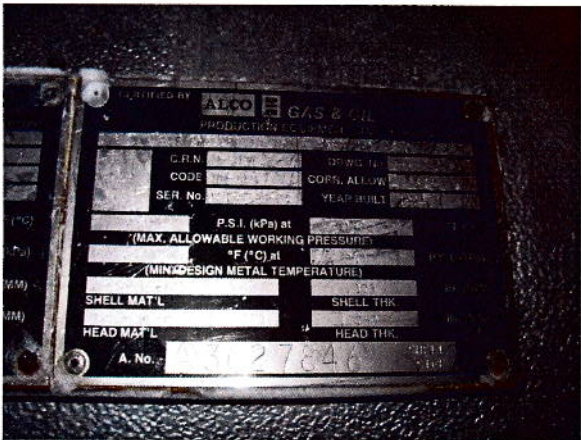
Recommended Actions:	NCR#:

Primary Comment:	
Additional notes on continuation page:	<input type="checkbox"/> Report No. B-
Equipment is suitable for continued service:	<input checked="" type="checkbox"/>
Inspector Certificate No.	ABSA 000240
Quality Check	<input type="checkbox"/>
Signature of Inspector:	
Received by: (print)	
Received by: (sign)	

A 3027846
Gas Chiller



Gas Chiller



Shell Nameplate



Channel Nameplate