



Instrument Control Services Pressure Relief Valve Inspection Report

In Service Out of Service Cust. Stock/Spare Archive Unknown

Facility Operator CRC		Facility VENTURA BASIN (VAB)			
Tag ID PSV-5789C		Equipment #		Description TORREY COMP SKID	
Manufacturer Hydrosal		Model # 12BG7MOV00/D0		Serial Number 621901-2	
				Shop # <input checked="" type="checkbox"/> N/A	
Inlet Size/Rating Size 1.5" Rating MNPT <input type="checkbox"/> RF <input type="checkbox"/> RTJ <input checked="" type="checkbox"/> Thrd <input type="checkbox"/> Clamp		Outlet Size/Rating Size 2" Rating FNPT <input type="checkbox"/> RF <input type="checkbox"/> RTJ <input checked="" type="checkbox"/> Thrd <input type="checkbox"/> Clamp		Code <input checked="" type="checkbox"/> UV <input type="checkbox"/> Non-coded	
				Type <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Bellows <input type="checkbox"/> Pilot <input type="checkbox"/> Weight <input type="checkbox"/> Weight/Pilot	
				Service <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Air <input type="checkbox"/> Steam	
				Capacity 5392 <input checked="" type="checkbox"/> SCFM <input type="checkbox"/> GPM <input type="checkbox"/> PPH	
				Cap NB Cert <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Orifice Size G - .503		CDTP		Set Point 620	
				Back Pressure <input checked="" type="checkbox"/> N/A	
				Car Seal Off <input checked="" type="checkbox"/> N/A	
				Car Seal On <input checked="" type="checkbox"/> N/A	

PSV Location/Condition Inspection Results

PSV Condition As Found <input checked="" type="checkbox"/> Mfg Tag Attached <input type="checkbox"/> Plugged <input checked="" type="checkbox"/> Clean <input type="checkbox"/> Leaking <input type="checkbox"/> Fouled <input type="checkbox"/> Block valve failure <input type="checkbox"/> Other (See Comments)		Inlet Piping As Found <input checked="" type="checkbox"/> Clean <input type="checkbox"/> Plugged <input type="checkbox"/> Fouled <input type="checkbox"/> Pipe strain/poor alignment <input type="checkbox"/> Other (See Comments)		Outlet Piping As Found <input checked="" type="checkbox"/> Clean <input type="checkbox"/> Plugged <input type="checkbox"/> Fouled <input type="checkbox"/> Pipe strain/poor alignment <input type="checkbox"/> Other (See Comments)	
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As Found Test Results

Leak Test Pressure <input checked="" type="checkbox"/> N/A If <90% set pressure on a conventional vapor service or pilot valve, or <80% set pressure on conventional liquid service valve, internal inspection required.	1st Pop Test Pressure 625 2nd Pop Test Pressure 620	Reset Pressure 464 Reset Pressure 464	Test Result <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Dangerous Fail Dangerous fail if valve relieves: >= 110% set pressure for valves set >70 psig >-2 psig for valves set <= 70 psig	Test Media <input checked="" type="checkbox"/> Nitrogen <input type="checkbox"/> Liquid <input type="checkbox"/> Air
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		Cleanliness Condition				
		A	B	C	D	E
Mechanical Condition	I					
	II					
	III					
	IV					
	V					

Test Interval Effect
 ■ Poor - Decrease Interval and Assess Root Cause
 ■ Average - Same Interval
 ■ Good - Increase Interval

- Cleanliness Condition**
- ⊙ A. Internal parts show heavy deposits or rust with obvious plugging of nozzle or seat
 - ⊙ B. Internal parts show some heavy, loose deposits or rust (possibility of obstructing flow path)
 - ⊙ C. Internal parts show layers of oily deposits, scale or rust
 - ⊙ D. Internal parts show thin oily or sticky ct
 - ⊙ E. Internal parts clean

- Mechanical Condition**
- ⊙ I. Internal parts are broken, worn, or eroded beyond repair (extensive parts replacement or new valve required)
 - ⊙ II. Internal parts show severe corrosion, erosion, pitting or galling (significant repair required)
 - ⊙ III. Internal parts show corrosion, erosion or pitting (machining required - beyond normal wear and tear)
 - ⊙ IV. Seat scratched or pitted, other internal parts show slight pitting
 - ⊙ V. Internal parts in good condition, only minor lapping required

As Left Test Results

Relief Pressure 620	Reset Pressure 464	Final 90% Leak Test Pressure <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
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Comments

Technician TAYLOR COOK (123)

Date 8/8/2019



Instrument Control Services
Pressure Relief Valve Inspection Report

Teardown Inspection Result

Component	N/A	Clean	Dirty	Plugged	Damaged	Lap	Machine	Comments
Mfg Tag								<input type="checkbox"/> Missing <input type="checkbox"/> Illegible <input type="checkbox"/> OK
Inlet		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outlet		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Nozzle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Nozzle Ring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Disc Insert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Disc Holder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Spring/Washer Assy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Guide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Guide Ring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Spindle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Bellows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Bonnet/Body	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Soft Goods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Comp Screw/Jam Nut	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Cap/Lift Lever	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Spring Identification (Old)	PN			Color Code		Wire Size		Range
Spring Identification (New) <input type="checkbox"/> N/A	PN			Color Code		Wire Size		Range

Inspection Measurements

Component	As Found		As Left		PSV Condition Comment
Nozzle Ring					
Nozzle Seat Step					
Nozzle Face to Seat					Inlet Comment
Nozzle Seat	OD	ID	OD	ID	
Guide Ring					
Disc Seat Step					Outlet Comment
Disc Back Face To Seat					
Spindle					

Technician _____ () _____

Date _____