



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-5789B		Equipment #		Description TORREY COMP SKID		
Manufacturer Hydrosal		Model # 14BE3MOV00-C0		Serial Number 620810-2		
				Shop # <input checked="" type="checkbox"/> N/A		
Inlet Size/Rating Size 1" Rating MNPT <input type="checkbox"/> RF <input type="checkbox"/> RTJ <input checked="" type="checkbox"/> Thrd <input type="checkbox"/> Clamp	Outlet Size/Rating Size 1" 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 622 <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 E - .196	CDTP	Set Point 150	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 150	Reset Pressure 136	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
	2nd Pop Test Pressure 150	Reset Pressure 136		

Mechanical Condition	Cleanliness Condition				
	A	B	C	D	E
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 150	Reset Pressure 136	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 _____