HISTORY CARD

PRESSURE REFLIEF DEVICES RECORD

PLANT :	C32S(SRU)
TAG NO.:	PSV182803
DATE OF REGIST :	17/09/2013

PROCESS OPERATION DATA			
Line/Equip.No	'18E023	Sizing Basis	N/A
Service Fluid	Steam (G)*	Set Pressure	1.37 Bar(g)
Mol. Weight		Cold Different Test Pressure	N/A
Max. Operating Pressure	1.37 Bar	Super Imposed Back Pressure(Constant)	ATM ATM
Operating Pressure	1.2 Bar	Super Imposed Back Pressure(Variable)	0 ATM
Operating Temp	125 C	Built up Back Pressure (Variable)	N/A
Max. Operating Temp	160 C	Built up Back Pressure (Constant)	N/A
Blow off Temp	N/A	Capacity(Required)	570 kG/Hr.
Condition for Mantenance	Shut_down	Orifice Area(Required)	N/A
Responsible Plant By	นาย ประวิทย์ ศรีวาณิชรักษ์	Location(Required)	On_line
MAINTENANCE AND TECHNICAL DATA			
Manufacturer	CROSBY	Interval time	1
Serial No.	'15287-013*	Spare Valve Provide	
Model No.	JOS-H-15-C	Isolate valve	No
PRD Type	SRV.conventional	Normal Size(Outlet)	3 Inch
Normal Size(Inlet)	1.5 Inch	Pressure Rating(Outlet)	150
Pressure Rating(Inlet)	300	Flange Face(Outlet)	RF
Flange Face(Inlet)	RF	Capacity(Relieving)	672 kG/Hr.
Spring No.	X6068(1.4kg/sq.cm)	Orifice Area(Selected)	N/A
Spring Material	17-7PH	Effective Orifice Size	H
Body and Bonnet Material	316 St.St.	Nozzle and Disc.Insert Material	S/C
Note Memo			
Attachment			
Remark			

Pressure Reflief Devices Record

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Type of Record	Test Date	Initial Test		Recondition Part Data								Remark / Recommendation
		Pop Pressure	Leak	Nozzle(Size)		Disc Insert		Spring Dimension (MM)	Replace Part	Final Test		
				As found (MM)	After Repair (MM)	As found (MM)	After Repair (MM)			Pop Pressure	Leak	
	03/09/2000	1.37 Bar(g)	>100 Bubble/Min	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	0	1.4 Kg/sq.cm.	0 Bubble/Min	
	28/11/2001	1.37 Bar(g)	>100 Bubble/Min	2.00 N/A	1.94 N/A	11.50 N/A	11.20 N/A	93.00 N/A	0	1.4 Kg/sq.cm.	0 Bubble/Min	
	11/11/2003	1.37 Bar(g)	>100 Bubble/Min	99.44 N/A	99.41 N/A	12.31 N/A	12.29 N/A	114.3 N/A	0	1.4 Kg/sq.cm.	0 Bubble/Min	Nozzle ring
	01/12/2004	0 Bar(g)	Pass Bubble/Min	0.30 N/A	1.00 N/A	5.40 N/A	5.35 N/A	117.1 N/A	0	1.4 Kg/sq.cm.	3 Bubble/Min	Nozzle(Seat)0.7mm)
	18/08/2005	*>150 % N/A	0 Bubble/Min	1.00 N/A	9.95 N/A	10.15 N/A	10.10 N/A	116.1 N/A	0	1.37 Bar(g)	10 Bubble/Min	
	22/06/2006	1.30 Bar(g)	>100 Bubble/Min	0.10 N/A	0.50 N/A	10.25 N/A	10.20 N/A	115.8 N/A	0	1.38 Bar(g)	0 Bubble/Min	
	18/06/2007	1.4 Bar(g)	>100 Bubble/Min	0.90 N/A	0.85 N/A	10.25 N/A	10.20 N/A	116.1 N/A	0	1.36 Bar(g)	0 Bubble/Min	
	21/08/2008	1.37 Bar(g)	> 100 Bubble/Min	1.10 N/A	0.90 N/A	10.20 N/A	9.90 N/A	117.0 N/A	0	1.37 Bar(g)	1 Bubble/Min	Spring Test No. X6068
	29/09/2010	1.47 Bar(g)	>100 Bubble/Min	1.10 N/A	1.10 N/A	10.00 N/A	10.00 N/A	114.7 N/A	0	1.38 Bar(g)	10 Bubble/Min	
DE-S-11-0619	28/07/2011	1.3 Bar(g)	60 Bubble/Min	10.50 mm.	10.40 mm.	1.30 mm.	1.20 mm.	110.0 mm.	1	1.37 Bar(g)	8 Bubble/Min	
TNK-SV-1308-001	02/08/2013	N/A	N/A	1.20 mm.	1.20 mm.	9.7 mm.	9.6 mm.	122.7 mm.	0	1.39 Bar(g)	6 Bubble/Min	
TNK-SV-1309-047	27/09/2013	0.94 Bar(g)	Passing N/A	1.20 mm.	1.19 mm.	9.60 mm.	9.59 mm.	120.0 mm.	0	1.41 Bar(g)	9 Bubble/Min	