

HISTORY CARD PRESSURE RELIEF DEVICES RECORD		PLANT/AREA :	C32S(SRU) / Law (Steam gen every 1 year)
		TAG NO.:	PSV181804
		DATE OF REGIST :	17/09/2013
PROCESS OPERATION DATA			
Line/Equip.No	'18E013	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)	0 Bar
Operating Pressure	1.2 Bar	Super Imposed Back Pressure(Variable)	0 ATM
Operating Temp	128 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 Maintenance	Shut_down	Orifice Area(Required)	N/A
Responsible Plant By	นาย ประวิทย์ ศรีวานิชรักษ์	Location(Required)	On_line
MAINTENANCE AND TECHNICAL DATA			
Manufacturer	CROSBY	Interval time	1
Serial No.	'15287-008	Spare Valve Provide	
Model No.	JOS-15-A	Isolate valve	No
PRD Type	Conventional Safety Relief Valve	Valve Type	Metal Seat
Normal Size(Outlet)	3 Inch	Normal Size(Inlet)	1.5 Inch
Pressure Rating(Outlet)	300	Pressure Rating(Inlet)	300
Flange Face(Outlet)	RF	Flange Face(Inlet)	RF
Capacity(Relieving)	672 kG/Hr.	Spring No.	(1.4kg/sq.cm)x6068
Orifice Area(Selected)	N/A	Spring Material	17-7PH
Effective Orifice Size		Body and Bonnet Material	316 St.St.wcb
Nozzle and Disc.Insert Material	SUS 304		
Note Memo			
Attachment			
Remark			

Pressure Reflief Devices Record											PSV181804	
											C32S(SRU)	
Work Type	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	
PM	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	
PM	09/03/2003	1.37 Bar(g)	10 Bubble/Min	0.44 N/A	0.42 N/A	16.30 N/A	16.10 N/A	117.0 N/A	0	1.4 Kg/sq.cm.	0 Bubble/Min	
CM	14/09/2004	1.24 Bar(g)	>100 Bubble/Min	0.44 N/A	0.90 N/A	5.32 N/A	5.25 N/A	115.9 N/A	0	1.4 Bar(g)	0 Bubble/Min	Not yet online
CM	18/03/2005	0 Bar(g)	Passing Bubble/Min	1.00 N/A	0.95 N/A	10.30 N/A	10.25 N/A	116.6 N/A	0	1.37 Bar(g)	2 Bubble/Min	
CM	30/09/2005	1.2 Bar(g)	>100 Bubble/Min	1.20 N/A	1.15 N/A	10.20 N/A	10.15 N/A	115.3 N/A	0	1.37 Bar(g)	3 Bubble/Min	
PM	29/03/2006	1.4 Bar(g)	>100 Bubble/Min	0.95 N/A	0.90 N/A	10.35 N/A	10.30 N/A	116.6 N/A	0	1.38 Bar(g)	3 Bubble/Min	
PM	02/03/2007	1.24 Bar(g)	>100 Bubble/Min	1.00 N/A	0.95 N/A	10.40 N/A	10.35 N/A	116.2 N/A	0	1.38 Bar(g)	3 Bubble/Min	OPEN CAP
PM	10/05/2008	1.4 Bar(g)	60 Bubble/Min	1.10 N/A	1.00 N/A	10.30 N/A	10.10 N/A	116.0 N/A	0	1.37 Bar(g)	17 Bubble/Min	
PM	21/05/2008	0 Bar(g)	PASSING Bubble/Min	1.00 N/A	0.90 N/A	10.10 N/A	10.00 N/A	116.0 N/A	0	1.37 Bar(g)	9 Bubble/Min	
PM	09/02/2009	1.2 Bar(g)	>100 Bubble/Min	0.60 N/A	0.40 N/A	15.80 N/A	15.70 N/A	116.3 N/A	0	1.37 Bar(g)	8 Bubble/Min	
PM	04/02/2010	1.37 Bar(g)	>100 Bubble/Min	0.80 N/A	0.70 N/A	16.50 N/A	16.50 N/A	117.5 N/A	0	1.37 Bar(g)	2 Bubble/Min	spring new.
CM	08/12/2010	1.4 PSI(g)	>100 Bubble/Min	12.80 N/A	12.70 N/A	14.20 N/A	14.10 N/A	120.0 N/A	0	1.37 Bar(g)	9 Bubble/Min	
CM	10/03/2011	1.37 Bar(g)	>50 Bubble/Min	12.40 N/A	12.00 N/A	10.20 N/A	10.00 N/A	117.0 N/A	0	1.37 Bar(g)	4 Bubble/Min	
TA	14/11/2011	1.48 Bar(g)	>20 Bubble/Min	12.00 mm.	11.95 mm.	10.00 mm.	9.95 mm.	117.5 mm.	1	1.43 Bar(g)	5 Bubble/Min	