

HISTORY CARD PRESSURE RELIEF DEVICES RECORD		PLANT/AREA :	C32S(SRU) / Law (Steam gen every 1 year)
		TAG NO.:	PSV182604
		DATE OF REGIST :	17/09/2013
PROCESS OPERATION DATA			
Line/Equip.No	'18E021	Sizing Basis	N/A
Service Fluid	Steam (G)*	Set Pressure	52.92 Bar(g)
Mol. Weight		Cold Different Test Pressure	N/A
Max. Operating Pressure	52.92 Bar	Super Imposed Back Pressure(Constant)	0 Bar
Operating Pressure	45 Bar	Super Imposed Back Pressure(Variable)	0 ATM
Operating Temp	360 C	Built up Back Pressure (Variable)	N/A
Max. Operating Temp	300 C	Built up Back Pressure (Constant)	N/A
Blow off Temp	N/A	Capacity(Required)	8700 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.	'15287-010	Spare Valve Provide	
Model No.	JOS-H-45-C	Isolate valve	No
PRD Type	Safety Valve	Valve Type	N/A
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)	9847 kG/Hr.	Spring No.	(54kg/sq.cm)
Orifice Area(Selected)	N/A	Spring Material	17-7PH
Effective Orifice Size	G	Body and Bonnet Material	316 St.St.
Nozzle and Disc.Insert Material	S/C		
Note Memo			
Attachment			
Remark			

Pressure Reflief Devices Record											PSV182604	
											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
CM	04/07/2001	N/A	N/A	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	0	54 Kg/sq.cm.	6 Bubble/Min	
PM	03/09/2000	N/A	N/A	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	0	54 Kg/sq.cm.	0 Bubble/Min	
CM	06/11/2002	49 Bar(g)	40 Bubble/Min	1.00 N/A	0.80 N/A	13.90 N/A	13.50 N/A	113.0 N/A	0	52.9 Bar(g)	5 Bubble/Min	
PM	03/09/2003	53 Bar(g)	>100 Bubble/Min	9.90 N/A	9.85 N/A	9.20 N/A	9.15 N/A	114.4 N/A	0	53 Bar(g)	9 Bubble/Min	
CM	14/09/2004	52.5 Bar(g)	>100 Bubble/Min	9.85 N/A	9.80 N/A	4.35 N/A	4.30 N/A	114.8 N/A	0	53.2 Bar(g)	1 Bubble/Min	Not yet online
PM	26/02/2009	52.9 Bar(g)	50 Bubble/Min	1.20 N/A	1.00 N/A	0.60 N/A	0.40 N/A	115.5 N/A	0	52.9 Bar(g)	3 Bubble/Min	REMACHINE NOZLE
PM	04/02/2010	52.92 Bar(g)	>100 Bubble/Min	2.00 N/A	1.90 N/A	9.80 N/A	9.80 N/A	114.3 N/A	0	52.92 Bar(g)	4 Bubble/Min	
CM	09/12/2010	54 PSI(g)	>80 Bubble/Min	0.00 N/A	0.00 N/A	0.00 N/A	0.00 N/A	115.0 N/A	0	52.9 Bar(g)	0 Bubble/Min	Replace nozzle, dise insert, dise holder,spring irpc supply part
CM	18/03/2011	52 Bar(g)	>100 Bubble/Min	0.60 N/A	0.50 N/A	9.90 N/A	9.80 N/A	115.0 N/A	0	52.94 Bar(g)	2 Bubble/Min	
TA	14/11/2011	53.52 Bar(g)	>20 Bubble/Min	1.20 mm.	1.15 mm.	11.25 mm.	11.20 mm.	115.0 mm.	1	53.12 Bar(g)	5 Bubble/Min	