

<h2 style="text-align: center;">HISTORY CARD</h2> <h3 style="text-align: center;">PRESSURE REFLIEF DEVICES RECORD</h3>		PLANT/AREA :	C32S(SRU) / Law (Steam gen every 1 year)
		TAG NO.:	PSV181703
		DATE OF REGIST :	17/09/2013
PROCESS OPERATION DATA			
Line/Equip.No	'18E012	Sizing Basis	N/A
Service Fluid	Steam (G)*	Set Pressure	6.86 Bar(g)
Mol. Weight		Cold Different Test Pressure	6.78 Bar(g)
Max. Operating Pressure	6.86 Bar	Super Imposed Back Pressure(Constant)	0 Bar
Operating Pressure	4.5 Bar	Super Imposed Back Pressure(Variable)	0 ATM
Operating Temp	170 C	Built up Back Pressure (Variable)	N/A
Max. Operating Temp	200 C	Built up Back Pressure (Constant)	N/A
Blow off Temp	N/A	Capacity(Required)	1750 kG/Hr.
Condition for Maintenance	Shut_down	Orifice Area(Required)	N/A
Responsible Plant By	นาย ประวิทย์ ศรีวานิชรัมย์	Location(Required)	On_line
MAINTENANCE AND TECHNICAL DATA			
Manufacturer	CROSBY	Interval time	1
Serial No.	'15287-005(PSV1703)	Spare Valve Provide	
Model No.	JOS-H-15-C	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)	150	Pressure Rating(Inlet)	150
Flange Face(Outlet)	RF	Flange Face(Inlet)	RF
Capacity(Relieving)	N/A	Spring No.	(7kg/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			
Note Memo			
Attachment			
Remark			

Pressure Reflief Devices Record											PSV181703	
											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	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	7 Kg/sq.cm.	0 Bubble/Min	
PM	04/10/2002	7 Bar(g)	3 Bubble/Min	1.50 N/A	1.30 N/A	16.30 N/A	16.00 N/A	114.0 N/A	0	6.867 Bar(g)	20 Bubble/Min	
PM	10/03/2003	6.85 Bar(g)	20 Bubble/Min	0.35 N/A	0.33 N/A	16.30 N/A	16.20 N/A	117.0 N/A	0	6.78 Bar(g)	11 Bubble/Min	
CM	14/09/2004	6.9 Bar(g)	>100 Bubble/Min	0.15 N/A	0.60 N/A	5.60 N/A	5.50 N/A	114.8 N/A	0	7 Bar(g)	13 Bubble/Min	Not yet online
CM	18/03/2005	0 Bar(g)	Passing Bubble/Min	0.65 N/A	0.60 N/A	10.35 N/A	10.30 N/A	114.0 N/A	0	6.86 Bar(g)	12 Bubble/Min	
PM	10/05/2008	7 Bar(g)	>100 Bubble/Min	0.70 N/A	0.60 N/A	10.40 N/A	10.30 N/A	115.0 N/A	0	7 Bar(g)	5 Bubble/Min	
TA	14/11/2011	6.95 Bar(g)	>20 Bubble/Min	0.60 mm.	0.60 mm.	10.30 mm.	10.25 mm.	115.0 mm.	1	6.85 Bar(g)	14 Bubble/Min	