HISTORY CARD

PRESSURE REFLIEF DEVICES RECORD

PLANT/AREA :	C32S(SRU) / Law (Steam gen every 1 year)
TAG NO.:	PSV182804
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	1.4 Kg/sq.cm.	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	Turn_around	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.	'15287-014	Spare Valve Provide	
Model No.	JOS-H-15C	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)	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/S		
Note Memo			
Attachment			
Remark			

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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	13/11/2003	1.37 Bar(g)	>100 Bubble/Min	112.6 N/A	112.6 N/A	10.33 N/A	10.31 N/A	114.3 N/A	0	1.4 Kg/sq.cm.	14 Bubble/Min	Replac Nozzle ring Spring
PM	01/12/2004	1.37 Bar(g)	>100 Bubble/Min	0.45 N/A	0.40 N/A	5.45 N/A	5.35 N/A	116.1 N/A	0	1.4 Kg/sq.cm.	12 Bubble/Min	
PM	18/08/2005	1.2 Bar(g)	>100 Bubble/Min	0.35 N/A	0.30 N/A	10.30 N/A	10.25 N/A	113.7 N/A	0	1.38 Bar(g)	10 Bubble/Min	
CM	22/06/2006	1.40 Bar(g)	>100 Bubble/Min	0.30 N/A	0.25 N/A	10.25 N/A	10.20 N/A	114.0 N/A	0	1.38 Bar(g)	0 Bubble/Min	
PM	18/06/2007	1.4 Bar(g)	>100 Bubble/Min	0.35 N/A	0.30 N/A	10.35 N/A	10.30 N/A	114.4 N/A	0	1.36 Bar(g)	5 Bubble/Min	
PM	21/08/2008	1.37 Bar(g)	> 100 Bubble/Min	0.30 N/A	0.20 N/A	10.50 N/A	10.30 N/A	115.0 N/A	0	1.37 Bar(g)	2 Bubble/Min	
CM	29/09/2010	1.17 Bar(g)	>100 Bubble/Min	0.20 N/A	0.20 N/A	16.70 N/A	16.70 N/A	113.6 N/A	0	1.39 Bar(g)	8 Bubble/Min	
PM	28/07/2011	1.4 Kg/sq.cm.	43 Bubble/Min	11.20 mm.	11.10 mm.	1.40 mm.	1.30 mm.	112.0 mm.	1	1.37 Bar(g)	7 Bubble/Min	
N/A	06/05/2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A	
N/A	02/05/2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A	