

Project: M/s. Inamdar Sugars Ltd, Belagavi, Karnataka

3) Vetting of Post order documents



Process Engineering Services for the Bought Outs of TG boiler

Client: ISGEC Heavy Engineering Ltd, Noida

Project: M/s. Inamdar Sugars Ltd, Belagavi, Karnataka



A.G.C SANMAR LIMITED (Formerly Pentair Sanmar Limited)

SAFETY/RELIEF VALVE SPECIFICATION SHEET

Customer : ISGEC Heavy Engineering Limited	
Po.No. : 191002304 - UTRAI ALUMINA JB0103 Dt. : 29.03.2024 Qtr Ref : 20479356 / 000010 S.O.No. : 381444	Spec Sheet : 381444/000010 Rev No. : Consultant : Inspection : ISGEC-NOD Project/Plant :
Assy.No : S31023-005-0C00 Cust.Material No. : 1. Quantity : 1 No. 2. Tag No : 3. Size-Inlet Orifice Outlet : 4. Style : 5. Connection - Inlet Outlet : 6. Rating/Type - Inlet Outlet : 7. Flange Finish-Inlet Outlet : 8. Type : Nozzle 9. Disc Type : 10. Orifice Area Actual/Calc : 11. Bonnet : 12. Cap : Hydro Test Unit : 13. Lifting Lever : 14. Set Pressure : 15. Relieving Temperature : 16. Back Pressure : 17. Spring Setting : 18. C.D.N.P.Cold Differential Set pr. : 19. Fluid : Fluid State : 20. SG : MW : C/P/CV : CXK : 21. KB : KV : KSH : Z : 22. Capacity Rated / Restr. Restricted / Units : 23. Over Pr. / Sizing/Design Code : 24. Design Pressure / Design Temperature : 25. Painting Spec. : 26. Material Of Construction :	Spring No : X01869 A Range : 1313 - 1416.99Psi Valve spring design shall permit an adjustment of ± 5% of the set pressure only. Please fill the data SATURATED STEAM : GAS/VAPOUR 32374.00 : 33000.00 : kg/h 5% : LARMER SEC I / IRR 97.500 kg/cm²g : 310.000 °C SPF-003 Spring : ALLOY / TUNGSTEN STEEL Body/Cylinder : SA216 GRWC6 Cooling Spool : N/A Nozzle/Base : SA351 GRCP8C Resilient Seal : N/A Bellows : N/A Nozzle Ring : SA351 GRCP8M Set Screw : A582 TP416 Adj Bolt : A582 TP416 Studs : SA193 GRB7 Adapter In : N/A Flange : N/A Bonnet : SA216 GRWC6 Cap : CARBON STEEL Disc Inset : INCONEL 718 Disc Holder : 8 MONEL Guide : 8 MONEL Guide Ring : SA351 GRCP8M Spindle : A582 TP416 Gaskets : N/A Nuts : SA194 GR2H Adapter Out : N/A
Remarks: 100% RT B/B/N NL @3FT-154.12DBA RF-681.04KG RISE TIME-0.08SEC LIFT-0.338 POS DATA: All safety valves shall be supplied with Lifting lever, Test gag, Cap, Spring Cover and Weather Hood. Kindly mention the Blowdown %. Revision Details: Vendor must provide Mandatory Spares as per technical spec.	
QA Reference : QAP Reference : Note: Delivery Shall be reckoned from the date of approved specification sheet for manufacturing.	



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SAFETY/RELIEF VALVE SPECIFICATION SHEET

Customer : ISGEC Heavy Engineering Limited	
Po.No. : 191002304 - UTRAI ALUMINA JB0103 Dt. : 29.03.2024 Qtr Ref : 20479356 / 000030 S.O.No. : 381444	Spec Sheet : 381444/000030 Rev No. : Consultant : Inspection : ISGEC-NOD Project/Plant :
Assy.No : S31023-005-0C00 Cust.Material No. : 1. Quantity : 1 No. 2. Tag No : 3. Size-Inlet Orifice Outlet : 4. Style : 5. Connection - Inlet Outlet : 6. Rating/Type - Inlet Outlet : 7. Flange Finish-Inlet Outlet : 8. Type : Nozzle 9. Disc Type : 10. Orifice Area Actual/Calc : 11. Bonnet : 12. Cap : Hydro Test Unit : 13. Lifting Lever : 14. Set Pressure : 15. Relieving Temperature : 16. Back Pressure : 17. Spring Setting : 18. C.D.N.P.Cold Differential Set pr. : 19. Fluid : Fluid State : 20. SG : MW : C/P/CV : CXK : 21. KB : KV : KSH : Z : 22. Capacity Rated / Restr. Restricted / Units : 23. Over Pr. / Sizing/Design Code : 24. Design Pressure / Design Temperature : 25. Painting Spec. : 26. Material Of Construction :	Spring No : X12434 A Range : 1164 - 1277.99Psi Please fill the data SUPERHEATED STEAM : GAS/VAPOUR 20693.00 : 16500.00 : kg/h 5% : LARMER SEC I / IRR 97.500 kg/cm²g : 435.000 °C SPF-003 Spring : HIGH TEMP ALLOY Body/Cylinder : SA217 GRWC6 Cooling Spool : N/A Nozzle/Base : SA351 GRCP8C Resilient Seal : N/A Bellows : N/A Nozzle Ring : SA351 GRCP8M Set Screw : A582 TP416 Adj Bolt : A582 TP416 Studs : SA193 GRB16 Adapter In : N/A Flange : N/A Bonnet : SA217 GRWC6 Cap : CARBON STEEL Disc Inset : INCONEL 718 Disc Holder : 8 MONEL Guide : 8 MONEL Guide Ring : SA351 GRCP8M Spindle : A582 TP416 Gaskets : N/A Nuts : SA194 GR2H Adapter Out : N/A
Remarks: 100% RT B/B/N NL @3FT-154.12DBA RF-681.04KG RISE TIME-0.08SEC LIFT-0.281 POS DATA: All safety valves shall be supplied with Lifting lever, Test gag, Cap, Spring Cover and Weather Hood. Kindly mention the Blowdown %. Revision Details:	
QA Reference : QAP Reference : Note: Delivery Shall be reckoned from the date of approved specification sheet for manufacturing.	