

# TUV INDIA PRIVATE LIMITED

## INSPECTION VISIT REPORT

IVR - 8119080823 - 03- Rev. 00



<b>General:</b>						
<b>TUV India Control Or SAP Number:</b>		8119080823 / 03		<b>Branch:</b>		Pune.
<b>Notification Name /Number:</b>		E mail on dt.15.11.2021		<b>Date(s) of Inspection:</b>		16.11.2021, 9.30 AM to 6.30 PM
<b>Project Name &amp; Location:</b>		Not Applicable		<b>Inspection Location:</b>		M/s. Vanaz Engineering Ltd, Kothrud , Pune
<b>TUV India Client Name:</b>		M/s. Mahanagar Gas Ltd. Mumbai		<b>End User Name:</b>		M/s. Mahanagar Gas Ltd. Mumbai.
<b>DEC / PMC / EPC Name:</b> (If applicable)		N A		<b>DEC / PMC / EPC Asgmt. Number:</b> (If applicable)		N A
<b>Vendor Name &amp; Location:</b>		M/s. Vanaz Engineering Ltd.		<b>P.O. Number:</b> (Client PO on Vendor)		MGL/C&P/4800005039/21-22/SB & Contract : 4600001374, Dt.: 20/09/2021.
<b>Sub Vendor Name &amp; Location:</b> (If applicable)		N A		<b>P.O. Number:</b> (If applicable – Vendor PO on Sub Vendor)		N A
<b>Stages Of Inspection:</b>						
<input type="checkbox"/> Kick Off / Pre Inspection Meeting		<input type="checkbox"/> Material Identification		<input checked="" type="checkbox"/> Interim Stages		
<input type="checkbox"/> Document Review		<input type="checkbox"/> Final Inspection		<input type="checkbox"/> Re-Inspection		
<b>Item Description:</b>						
<b>P.O. Item No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>UOM</b>	<b>P.O. Quantity</b>	<b>Offered Quantity</b>	<b>Acceptable Quantity</b>
1	PRS-021068 & HSN No - 84811000	SR Module Assembly (25 SCMH ) PRS-021068 Sr No 10. Item Code: 1150101010021,  Inlet Pressure: 0.5-4 Bar , outlet Pressure: 100 mbar, OPSO: 160 mbar, UPSO: 40 to 65 mbar , End Con : inlet 1" BSPT (F) & 1" BSPT (F) Outlet Leakage Class: VI Design Class :150# Op. Temp. Range: 10° c to 65° c	Nos.	100	25 SCMH SRM - 63 No's & Inlet Arm - 50 no's	Refer Conclusion
<b>Reference Documents:</b>						
<b>Sr. No.</b>	<b>Document Name</b>	<b>Client Document Number</b>	<b>Vendor Document Number</b>	<b>Approval Status</b>		
1)	PR / MR / ARM	Not Applicable	Not Applicable	Not Applicable		
2)	QAP / ITP / QCP	ITP for SR Module (SRM) of 10 SCMH, 25 SCMH, 40 SCMH & 65 SCMH :- MGL/ENG/PE/SP31-R9 Page No 14	Not Applicable	MGL Specification		
3)	Drawing(s)	PRS021068 Rev A Dt 27.04.18 PRS021068-01 Rev 0 Dt 21.06.21	Not Applicable	Standard Drawing by M/s Vanaz. - GAD to be approve from client		
4)	Procedure(s)	Not Applicable	Not Applicable	Not Applicable		
5)	Datasheet(s)	Technical Specification for Service Regulator Module, For inlet pressure upto 4 bar :- MGL/ENG/PE/SP31-R8	Not Applicable	MGL Specification		

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<b>Inspection Activities Carried Out :</b>								
<b>Stages Witnessed:</b>								
1)	As per QAP SR No 2, Leak Test (Without SR), Leakage test 100 % Witnessed at inlet pipeline (Without SR) for 6 barg for SR Module Assembly (25 SCMH ) PRS-021068, Sr No 10. Item Code: 1150101010021 - 50 No's - Result found no leakage or No pressure drop during holding time- Accepted.							
2)	As per QAP SR No 3b, Lock up pressure checked at inlet pressure 4 barg & 25 SCMH Air flow - Result found acceptable.							
3)	As per QAP SR No 3b, Lock up pressure checked at inlet pressure 0.5 barg & 25 SCMH Air flow - Result found acceptable.							
4)	As per QAP SR No 4, Over pressure shut-off (OPSO) set pressure checked at inlet pressure 4 Bar & found 160 mbarg $\pm$ 5 mbarg - Result found acceptable.							
5)	As per QAP SR No 5, Under pressure shut-off (UPSO) set pressure checked at inlet pressure 2 Bar & found within 40 to 65 mbarg - Result found acceptable.							
6)	All measuring instruments/ equipment were verified for continued suitability for intended use, proper identification, Calibration status, traceability to national standards & found satisfactory.							
<b>Documents Reviewed:</b>								
1)	Offer list for SR Module Assembly 25 SCMH reviewed and found accepted.							
2)	Calibration record of instrument reviewed and result found satisfactory.							
<b>Details of Equipment(s) / Instrument(s) used for measuring / testing during Inspection: (Refer Notes)</b>								
Sr. No.	Detail of Equipment(s) / Instrument(s)	Range	ID	Validity till Date	Calibration Certificate Number	NABL / OTHER CERT. BODIES / NABL Traceability		
						Please tick whichever is applicable	NON-NABL	
						See Note 1 & 2	See Note 3	
1)	Refer Calibration record of instrument sheet					-	✓	
<b>Notes:</b> 1) Other Certifying bodies are: NPL-India, CIPM (International Committee for Weights & Measures), ILAC & APLAC MRA Signatories. 2) Visiting inspector to ensure continued suitability for intended use, periodic maintenance, proper identification and valid calibration records and traceability to known National / International standards of the measuring instrument(s) / testing equipment(s). 3) Non NABL: If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate. 4) In lieu of table above inspectors may collect master list from manufacturer/ vendor/ sub vendor with all above details clearly highlighting the details of instrument(s) / equipment(s) used during inspection.								
<b>Conclusion (Acceptable / Not Acceptable / Acceptance subject to):</b>								
Accepted excluding below points 1) GAD approval require from client (GAD No - PRS021068 Rev A Dt 27.04.18 & PRS021068-01 Rev 0 Dt 21.06.21)								
<b>Pending Activities from this Visit:</b>								
Remaining activity material to be offer for inspection as per Inspection Test plan / QAP.As per QAP.								
<b>Identification of Inspected Item(s):</b>								
Not Applicable.								
<b>Areas of Concern:</b>								
Refer above conclusion and pending activity from this visit & lock up test witnessed @ 4 bar inlet pressure & 25 SCMH flow and result found accepted however it is observed 50 SCMH on ITP (Sr no 3b) moreover as per PO SR Module Assembly (25 SCMH)								

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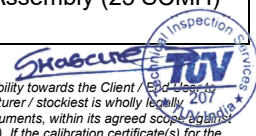
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<b>Non Conformities raised / Discrepancies observed during Inspection</b> (If Any, Mention TUVIndia NCR Number):		
None		
<b>Attachments:</b>		
<input checked="" type="checkbox"/> Inspection records– Total Page Nos.	00	<input checked="" type="checkbox"/> Master List of calibrated Instruments / equipment
<input checked="" type="checkbox"/> Inspection Photos – Refer Page Nos.	03	<input checked="" type="checkbox"/> Others (Specify):None.
<b>Authorised Signatures:</b>		
<b>TUV India Inspector(s):</b>		<b>Vendor / Sub Vendor Representative: (If Applicable)</b>
		
<b>Name:</b> Swapnil Kasare		<b>Date:</b> 16-11-2021
		<b>Name:</b> MR. Omkar Kulkarni - M/s Vanaz
<b>Distribution List:</b> <input checked="" type="checkbox"/> TUV India Client / End User <input checked="" type="checkbox"/> TUV India Executing / Originating Branch <input checked="" type="checkbox"/> Vendor / Sub Vendor		
<b>Revision Number</b> (If Applicable):00 –Type Reason for revision here		
<b>This Document Supersedes IVR No. :</b> Mention Previous IVR Number.		

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### Inspection Picture:-

As per QAP SR No 2, Leak Test (Without SR), Leakage test 100 % Witnessed at inlet pipeline (Without SR) for 6 barg for SR Module Assembly (25 SCMH ) PRS-021068, Sr No 10. Item Code: 1150101010021 - 50 No's - Result found no leakage or No pressure drop during holding time- Accepted.



As per QAP SR No 3b, Lock up pressure checked at inlet pressure 4 barg & 25 SCMH Air flow - Result found acceptable.



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As per QAP SR No 4,  
Over pressure shut-off (OPSO) set pressure checked at inlet pressure 4 Bar & found 160 mbarg  $\pm 5$  mbarg  
- Result found acceptable.



As per QAP SR No 4,  
Over pressure shut-off (OPSO) set pressure checked at inlet pressure 4 Bar & found 160 mbarg  $\pm 5$  mbarg  
- Result found acceptable.



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