


A2	18.03.2014	As built M5-43614941	KM	PS	GL																				
A1	08.04.2013	AS BUILT	HTØ	GUN	RAB																				
01	27.02.2013	Issued for approval	HTØ	GUN	RAB																				
Rev/ status	Date	Issue status	Prepared by	Checked by	Approved by																				
<p>Acceptance codes:</p> <table border="0"> <tr> <td>Code 1</td> <td><input type="checkbox"/></td> <td>Accepted</td> <td>Date:</td> <td></td> </tr> <tr> <td>Code 2</td> <td><input type="checkbox"/></td> <td>Accepted with comments incorporated. Revise and resubmit</td> <td>Signature:</td> <td></td> </tr> <tr> <td>Code 3</td> <td><input type="checkbox"/></td> <td>Not accepted. Revise and resubmit</td> <td>On behalf of:</td> <td></td> </tr> <tr> <td>Code 4</td> <td><input type="checkbox"/></td> <td>For information only</td> <td></td> <td></td> </tr> </table>						Code 1	<input type="checkbox"/>	Accepted	Date:		Code 2	<input type="checkbox"/>	Accepted with comments incorporated. Revise and resubmit	Signature:		Code 3	<input type="checkbox"/>	Not accepted. Revise and resubmit	On behalf of:		Code 4	<input type="checkbox"/>	For information only		
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WBS-code:		Discipline:		Document type:																					
L.O046C.001		J		DP																					
System:		Supplier reference:																							
80		<b>DRESSER-RAND</b> 566183-01																							
Area:		Procurement reference:																							
SLA M21		PO No.: 9100001																							
Tag No.:																									
80-PT-115																									
Number of pages:		Contractor Project No.:		Note: N/A																					
2		10113467																							
Contractor:		Document title:																							
		<b>INSTRUMENT DATASHEET</b> <b>PRESSURE TRANSMITTER GG INLET AIR-P2</b> <b>80-EZ01A</b>																							
Project number:																									
4502509692 / L.O046C.001																									
Project name:		Document No.:			A2																				
<b>SLA - Upgrade of Turbine and Compressor Control</b>		C007-C-J-DP-0214			Rev/ status																				

<b>NORSOK</b>		<b>INSTRUMENT DATASHEET P01</b>				
		<b>PRESSURE / DIFF. PRESSURE INSTRUMENT ELECTRIC</b>				
Tag number	:	80-PT-115	Scale Range	:	550 - 1100 mBarA	
Service description	:	GG INLET AIR - P2	Set/Alarm Point	:	NA	
P&ID	:	1-120383	Area	:	M21	
Line/equipment no.	:	80-TI-100	P. O. Number	:	9100001	
<b>1 GENERAL</b> 1.01 Type : Absolute Pressure Transmitter 1.02 Manufacturer : Rosemount 1.03 Manufacturer model no : 3051CA1A02A1KM611SJQ4 1.04 Operating Temp. Limits : -40 to 121 °C 1.05 Mounting : on manifold, Note 3 1.06 Weight (kg) : Approx. 4,7 kg (transmitter only) 1.07 Other : NA			<b>5 TRANSMITTER</b> 5.01 Indicator : Yes, LCD Display for SST Housing 5.02 Output signal : 4-20 mA 5.03 Communication : HART protocol 5.04 Supply voltage : 10,5-30 VDC 5.05 Consumption (W) : 500 mW at 24 VDC 5.06 Load limitation : 43,5 (Power supply voltage-10,5) 5.07 Other : NA			
<b>2 INSTRUMENT CHARACTERISTICS</b> 2.01 Calibrated input range : 550 - 1100 mBarA 2.02 Characteristic : Linear 2.03 Accuracy : +/- 0,065 % of span, Note 1 2.04 Repeatability : Included in above 2.05 Lower / upper range limits : 0 bar / 2,07 bar 2.06 Min / max span : 20,6 mbar / 2,07 bar 2.07 Zero adjustment : 0 bar / 2,05 bar 2.08 Overpressure protect. to : 51,7 Bara 2.09 Max static pressure : NA 2.10 Other : NA			<b>6 SWITCH</b> 6.01 Reset; automatic or manual : NA 6.02 Deadband or differential : NA 6.03 Alarm at increase/decrease : NA 6.04 Contact configuration : NA 6.05 Contact material : NA 6.06 Contact rating : NA 6.07 Contact action on alarm : NA 6.08 Other : NA			
<b>3 ELEMENT / SENSOR</b> 3.01 Type : Piezoresistive 3.02 Material, element (sensor) : 316L SST 3.03 Material, socket (inlet port) : 316L SST 3.04 Material, sensor bolts/nuts : Austenitic 316 SST Bolts 3.05 Process conn. size/type : 1/2-14 NPT Female 3.06 Sour service spec. : NACE MR0175/ISO 15156 3.07 Other : NA			<b>7 CHEMICAL SEAL</b> 7.01 Type : NA 7.02 Material, upper/lower part : NA 7.03 Material, bolts / nuts : NA 7.04 Material, diaphragm : NA 7.05 Fill fluid : NA 7.06 Capillary length/diameter : NA 7.07 Material, capillary/armour : NA 7.08 Process conn. size/type : NA 7.09 Other : NA			
<b>4 HOUSING</b> 4.01 Dimension : 105 x 135 x 192 mm 4.02 Material : SST 4.03 Cable connection : Screwed termination 4.04 Cable entry : M20 x 1,5 (CM20) 4.05 Enclosure protection : IP66 / IP68 4.06 Ex. classification : ATEX IS and Dust, Note 2 4.07 Protective coating : NA 4.08 Other : NA			<b>8 ACCESSORIES</b> 8.01 Mounting bracket : NA 8.02 Material, mounting bracket : NA 8.03 Overpr. protection valve : NA 8.04 Material, overpr. prot. valve : NA 8.05 Pulsation damper : NA 8.06 Material, pulsation damper : NA 8.07 Other : NA			
			<b>9 NOTES</b> Vendor part number : 7021738 1. For spans less than 10:1 2. ATEX Intrinsic Safety and Dust Certificate No.: BAS 97ATEX1089X Ex II 1 GD Ex ia IIC T4 (Ta = -60 °C to 70 °C) Dust rating: Ex tD A20 T80 °C (Ta = -20 °C to 40 °C) IP66 CE 1180 3. AMF16AM1201581 - Parker 2-way SST manifold			
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