

Design company: 	<b>SUPPLIER DOCUMENT REQUIREMENTS (SDR)</b>  <b>Instrumentation</b>	Location: Pančevo Oil Refinery			
Client: 		Document No: U211-SDR-0009			
		Rev.:	Date:	Chkd	App'd
		0	19.07.2024.	MR	GS

Rev

1	
2	<b>SUPPLIER DOCUMENTATION REQUIREMENTS - INSTRUMENTATION</b>
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4	<b>PUMP VENDOR NEEDS TO PROVIDE FOLLOWING INSTRUMENTATION DOCUMENTATION:</b>
5	
6	<b>DATA SHEETS</b>
7	- Supplier Data Sheet
8	<b>SCHEMATICS</b>
9	- Cause & Effect Diagrams Connection / Wiring Diagrams
10	• Junction Box Connection Diagrams
11	- Block Diagrams
12	- Logic Diagrams
13	- System Interconnecting Diagrams
14	<b>DIMENSIONAL DRAWINGS</b>
15	- General Arrangement Drawing
16	- Panel / Console / Cabinet Layout Drawings
17	<b>DESIGN/INSTALLATION DATA</b>
18	- Instrument list
19	- Installation Details / Drawings
20	• Instrument Process Piping Details (incl. Steam Tracing)
21	• Heat Tracing (If necessary)
22	• Instrument Electrical Connection Details
23	• Instrument Mounting Details Cable List
24	- Range, Alarm, Timer & Trip Setting List
25	- Control Narratives
26	- Safeguarding Narratives
27	<b>DETAIL DRAWINGS</b>
28	- Nameplate Schedule
29	<b>CALCULATIONS</b>
30	- E & I Calculations
31	• Flow Sizing
32	• Relief Valve Sizing
33	- Thermowell Vibration Calculations
34	- Valve Sizing
35	- Actuator Sizing
36	- Noise Calculations
37	<b>UTILITY DATA</b>
38	- Utility Consumption List
39	• Utilities Consumption List
40	<b>MANUALS</b> (Note 2)
41	- Installation Manual (IM)
42	- Operation and Maintenance Manual (OMM)
43	<b>FABRICATION PROCEDURES</b>
44	- Test Procedures
45	• FAT / SAT Procedures
46	<b>MANUFACTURER DATA BOOKS</b>
47	- Manufacturer's Data Book (MDB) (Note 2)
48	- Index Manufacturer's Data Book
49	<b>CERTIFICATES / TEST RESULTS</b>
50	- Declaration of Compliance Type Test certificate
51	- EC or EU Declaration of Conformity EC or EU Type Examination Certificate
52	• Equipment Hazardous Area Certification Certified Calibration / Test Report
53	- Material Test Reports (MTR's)
54	• Individual or acceptance test report
55	• Noise measurement protocol test report
56	- Certificate of Conformity issued by Serbian Conformity Assessment Body (Serbian Mark of Conformity - AAA)
57	- Recertification of equipment according Serbian requirements (Equipment in Hazardous area; Pressure equipment)
58	- ATEX certificate
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60	<b>NOTE:</b>
61	<b>1. Before shipment. All Documents must be approved by Client prior shipment of equipment.</b>
62	<b>2. To be delivered 2 weeks ahead of Material Delivery Date</b>
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