



Design company: 	<b>SUPPLIER DOCUMENT REQUIREMENTS (SDR)</b>  <b>Electrical</b>	Location: Pančevo Oil Refinery			
Client: 		Document No: U211-SDR-0014			
		Rev.:	Date:	Chkd	App'd
		00	16.07.2024.	MR	GS

Rev

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2	<b>SUPPLIER DOCUMENTATION REQUIREMENTS - ELECTRICAL</b>
3	
4	<b>PUMP VENDOR NEEDS TO PROVIDE FOLLOWING ELECTRICAL DOCUMENTATION:</b>
5	<b>DATA SHEET - Motor manufacturer data sheet</b>
6	<b>CURVES</b>
7	- Speed vs Starting Torque Curves
8	- Electrical equipment curves
9	• Thermal Withstand Curve
10	• Power factor and efficiency Curves
11	• Protective Device Curves
12	• Protection Coordination Diagram(s)
13	• Battery Curves
14	<b>SCHEMATICS</b>
15	- Block Diagrams
16	- Logic Diagram
17	- Interconnection Diagrams
18	- Unit Connection Diagrams
19	- Single Line Diagram
20	- Circuit Diagrams
21	<b>DIMENSIONAL DRAWINGS</b>
22	- Equipment Dimensional Drawings
23	- Installation diagram
24	- Terminal Box Dimensional Drawings
25	<b>DESIGN/INSTALLATION DATA</b>
26	- Structural Design & Loading Data
27	<b>DETAIL DRAWINGS</b>
28	- Cross Sectional Drawings
29	• Nameplate Drawing
30	• Bearing Assembly Drawing
31	• Rotor Assembly Drawing
32	• Air To Water Cooler Drawing
33	• Component Drawings
34	• Cubicle Arrangement Drawing
35	• View Drawing
36	<b>CALCULATIONS</b>
37	- Calculation for:
38	• CT & PT Sizing
39	• Cable sizing
40	<b>UTILITY DATA</b>
41	- Power Consumption Data
42	- Lubrication Recommendations
43	<b>MANUALS</b>
44	- User Manual (UM), Tech. Descr., deviations
45	<b>FABRICATION PROCEDURES</b>
46	- Inspection and Test Plan Test Procedures
47	• FAT / Performance Test Procedure
48	• Functional Test Procedure Painting
49	<b>MANUFACTURER DATA BOOKS</b>
50	- Manufacturer's Data Book (MDB)
51	<b>CERTIFICATES / TEST RESULTS</b>
52	- Declaration of Compliance Type Test certificate
53	- EC or EU Declaration of Conformity EC or EU Type Examination Certificate
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55	- Material Test Reports (MTR's)
56	• Individual or acceptance test report
57	• Noise measurement protocol test report
58	- Certificate of Conformity issued by Serbian Conformity Assessment Body (Serbian Mark of Conformity - AAA)
59	- Recertification of equipment according Serbian requirements (Equipment in Hazardous area; Electrical equipment)
60	- ATEX certificate
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62	<b>NOTE: Before shipment. All Documents must be approved by Client prior shipment of equipment.</b>
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