



**MECHANICAL DESIGN CONDITIONS**

Item	Description	Check Unit Used		Values			
				normal	maximum	minimum	design
M1	Design Pressure	<input type="checkbox"/> barg	<input type="checkbox"/> psig				
M2	Design Temperature	<input type="checkbox"/> C	<input type="checkbox"/> F				
M3	Material of Construction Produced Water System	<input type="checkbox"/> CS	<input type="checkbox"/> Alloy				
M4	Material of Construction Condensate System	<input type="checkbox"/> CS	<input type="checkbox"/> Alloy				
M5	Corrosion Allowance	<input type="checkbox"/> mm	<input type="checkbox"/> inch				
M6	Radiography	<input type="checkbox"/> Spot	<input type="checkbox"/> Full				
M7	Power Available	<input type="checkbox"/> 60Hz	<input type="checkbox"/> 50Hz				
M8	NACE Applicability	<input type="checkbox"/> Yes	<input type="checkbox"/> No				

**NOTES**

- 01 Produced Water Profiles/Forecasts if Available

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- 02 Produced Water Compositional Analysis

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- 03 Current Chemical Treatment Program

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- 04 Current System PFD (if applicable)

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- 05 Material Specs

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- 06 Weight and Space Considerations (if applicable)

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- 07 Motion Considerations for Floating Facilities

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**SPECIAL REQUIREMENTS AND COMMENTS:**

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**FOR MORE INFORMATION**

Contact your nearest ProSep Inc., office.  
[www.prosepinc.com](http://www.prosepinc.com)