

Standard Operating Procedure DI Water Quality Check for DI Skid in Therma's Facility	SOP No. 6.023
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1 Purpose

- 1.1 This procedure is to record DI water quality (e.g. conductivity/resistivity) for RO/DI or DI system located in Therma's facility during customer's factory acceptance test (FAT).
- 1.2 The DI water quality reports will be part of customer's FAT documents.

2 Scope

- 2.1 This procedure applies to RO/DI or DI system located in Therma's facility.
- 2.2 Process Equipment Group will use DI water to do cleaning and pressure test for skids. Prior to performing the cleaning and pressure test, DI water must be checked to ensure the water quality is maintained above or at acceptable levels.

3 Responsibility

- 3.1 Process Equipment Group manager is responsible for implementing this procedure.
- 3.2 Project manager, engineer, or technician shall follow the procedure to check DI water quality prior to performing customer's FAT and notify Process Equipment Group manager if water quality is out of acceptable level.

4 Procedures

- 4.1 Project manager shall notify engineer or technician about the date to perform customer's FAT.
- 4.2 DI water quality will be checked one day ahead of FAT and each morning before performing FAT activities until completion of FAT.
 - 4.2.1 Ensure that checking device has been calibrated and within a calibration period.
- 4.3 The DI water quality check results shall be recorded in DI Water Quality form FN 6.023.1.

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4.3.1 Resistivity: Acceptable level shall be greater than or equal to 2 Mega Ohm-cm.

5 Review and Approval

- 5.1 DI water quality check form FN 6.023.1 shall be attached to the DI skid after recording data.
- 5.2 After all data filled in the DI water quality check form, a copy of the form shall be made and given the original recorded data form to project manager for record use. The copy shall be attached to the DI skid.
- 5.3 Project manager shall file the original DI water quality check forms.

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Document Approval


 Process Equipment Group Manager

08 DEC 05
 Date


 Quality Assurance Manager

08 DEC 05
 Date

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