



valveIT®

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FAT PROCEDURE

PRO AT FLUID CONTROL





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The **Factory Acceptance Test (FAT)** is a process that evaluates the equipment during and after the assembly process by verifying that it is built and operating in accordance with design specifications.

The **FAT procedure** outlined below will be followed during the FAT testing process:

- **Preparatory Stage:** valveIT QAQC Department Team will review the technical documentation provided, including drawings and PO Documentation will inspect the valves upon arrival at the end of the manufacturing and assembling stage to verify that they are in accordance with the order specifications and free from any visible damage incurred during the production process.
- **Functional Testing:** Valve will undergo a series of functional tests to validate its performance. This includes opening and closing operations and hydrotest for the pressure rating purpose. We will assess the responsiveness and reliability of the valves during these tests, ensuring they meet the required performance parameters.
- **Quality Assurance:** valveIT QAQC team will conduct thorough inspections to verify that each valve adheres to applicable quality standards in terms of functionality, coating and material. We will assess the overall build quality, dimensional accuracy, and surface finish of the valves, ensuring they meet the specified requirements.
- **Documentation and Reporting:** a. Throughout the FAT process, hydrotest, coating thickness & dimensional control records are kept. Company standard reports on the mentioned values can be released upon request with a service extra cost.