

Overhaul of Tank Level Gauging System

LevelDatic electro-pneumatic ballast & draft measurement system, MAS2600 and Rosemount 520 Pressure sensors are all Tank Level Gauging (TLG) systems used for measurement of ballast, service tanks, draft and void spaces. Accurate and reliable readings will help the crew to operate the vessel safely and efficiently.

A TLG System Overhaul is the best way to ensure and to verify the system's accuracy, minimize potential errors and prolonging the system's lifetime.

SYSTEM OVERHAUL

We provide a comprehensive range of services to ensure that your TLG equipment remain in optimal condition. System Overhaul can be done during docking or while the vessel is in operation. Overhaul is always completed by authorized service engineers from our own service network.

System Status Report

Prior to on board overhaul, a system status report is sent to the vessel for completion. Based on the condition of the system a customized vessel overhaul scope will be made including recommended spare parts.

Standard Overhaul of LevelDatic LD 80S, LD 100S, LD 120S and Legacy systems

Overhaul of LevelDatic System contains:

- Visual inspection of system and supply air quality check
- Pneumatic unit function and leakage test
- Line leakage check and pipe resistance measuring
- Sensor zero point and full span test, calibration if needed
- Confirming commissioning values, adjustment if needed
- Verifying conditions and functions of system electronics
- Test of system alarms
- Verification of auxiliary LevelDatic equipment such as air dryers, displays, 1:1 converters, NRVs etc.
- Crew training/FAQ on board
- Issue Overhaul Certificate with test results

Extended Overhaul of LevelDatic LD 80S, LD 100S, LD 120S and Legacy systems

Based on the system status report, an Extended Overhaul may be required in addition to a Standard Overhaul (generally related to the Pneumatic unit condition).

- Disassembling and cleaning of all pneumatic parts
- Replacement of O-rings, gaskets and springs
- PLT 1:1 Converter diaphragm and replacement of O-rings



Prolong the lifetime and performance of your LevelDatic System.

ROSEMOUNT 520 AND MAS2600 Pressure Transmitter

Overhaul of Rosemount 520 and MAS2600 contains:

- Visual inspection of amplifier and transducer
- Transmitter zero point check and full span test, calibration if needed
- Verifying amplifier input voltage
- Verifying transmitter excitation voltages
- Verifying transmitter resistances to ground
- Crew training/FAQ on board
- Issue Overhaul Certificate with test results

NOTE: When Rosemount 520 and MAS2600 is submerged into tanks, it is important that subject tanks are empty to enable zero and span test. For visual inspection or transmitter replacement the tank has to be gas free and accessible.

CONTACT US

Please contact our Service Team for further information, quotation and to order Overhaul.

Emerson Automation Solutions

Rosemount Tank Radar AB

T: +46 31 3370 000

Service.RTM@Emerson.com

www.Emerson.com/marine

Emerson Automation Solutions

Damcos A/S

T: +45 5578 7200

Service.damcosdk@Emerson.com

www.Emerson.com/marine



Order Overhaul of your Rosemount 520 or MAS2600 to ensure that the system remains in optimal condition.



Reliable void space measuring data secures safety on board. On cruise and passenger vessels online data is sent to i.e. NAPA DFC calculation. (DFC = Decision support for Flooding Control)

Do you need more information?
Reach out on:

Service.RTM@Emerson.com

Service.damcosdk@Emerson.com

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