

Northern Rail Fuel Tank Monitoring Systems

Austin-Lenika Contracts Ltd were approached by Northern Rail to address problems they were having with their fuel delivery systems at three of their Northwest train maintenance depots,

A full survey was conducted of the existing systems and solutions found,

At the Newton Heath/Manchester depot 11x new ultrasonic instruments were installed to the existing fuel tanks, these instruments were all networked with a RS485 communication cable and a new dedicated Pc and monitor were installed in the office block which was programmed to display real time information of each tanks current level and temperature status

Austin-Lenika has also carried out extensive repairs to the existing fuel delivery systems which now operates automatically for the first time since its installation 7 years ago,

The repairs included

- Plc software modifications
- Fuel pump replacement
- Actuated valve replacement



← New dedicated Pc and monitor in office block showing real time information on each fuel tanks temperature and level status



← 3 of the 11 fuel tanks at the Newton Heath depot

For more information please contact:

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