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P7413 - Checklist for Diptronic on-site work

Prior to Liquip or contractor working on-site to upgrade/repair Diptronic installation:

- Any work must be carried out in a safe area where risk to the personnel is minimal.
- Adhere to *P7403 Electrical equipment service and installation guide for road tankers* for general guidelines pertaining to working on or installing equipment on a road tanker.
- Calibrations should be carried out such that in the event of spillage there is no environmental damage.
- Calibrated vessel must be maintained at a horizontal position (no inclination), on level ground, with its suspension blocked – air-bags must be maintained fully inflated at all times.
- The *Diptronic Electrical Installation and Commissioning Checklist (P7345)* must have been completed prior to any on-site work.
- All calibrations must be carried out using a product of similar dielectric constant as that to be used in operation. In most cases this will be diesel.
- Make sure you have enough product to fill the largest compartment 1 & 1/3 times.
- Use of the Diptronic Automatic Calibration Rig requires 220 - 240Vac. For 110Vac source voltages a 14A, 3kW transformer will be required.
- All calibrations must be carried out under cover away from direct sunlight and precipitation.
- Calibrations should be carried out away from roads and machinery that may contribute to excessive vibration.
- No other work should be carried out on the truck at any time during calibration. No one should access the top of the truck during calibration. For the final steps, it is permissible for personnel to sit across the top of the coaming to watch the process to prevent spillage.
- Calibration must be completed in one run. It is wrong to calibrate the compartment by stopping in the middle one day and completing the next. Verification of the compartment must immediately follow its calibration.