

Title: Calibration of Sperry RSU-RTS Pump Gauge

1 Scope

Work Instruction for the calibration of the Sperry RSU-RTS pump gauge. To be used in the absence of a manufacturers calibration instruction.

2 Preparation

The calibration shall be carried out using the minimum of Category 'A' Master instruments.

Equipment required:

- Calibrated pressure gauge with a minimum resolution of 0.1 PSI
- Connecting manifold

All equipment shall have the appropriate certificate of calibration traceable through United Kingdom Accreditation Service and shall be rechecked at intervals of no more than 1 year.

3 Method

3.1 Record serial number and check general condition and record results

3.2 Connect the Sperry RSU-RTS pump to the calibrated gauge.

3.3 Increase the pressure to 4 PSI on the pump gauge.

3.4 Compare readings against the calibrated gauge and record the results. The calibrated gauge should read between 3.8 – 4.2 PSI.

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Appendix A. Sperry RTS-RSU Pump Gauge Calibration Result Sheet

Serial Number:			
Date last checked:		Next check due:	
Master Equipment Used:			
Pressure Gauge:			

Parameter	Limits	Reading	Pass	Fail	Comments
1. Visual Examination	Free from mechanical damage				
2. Pressure check at 4 PSI	3.8 – 4.2 PSI				

Examined by:	Signed:	Date:

NOTE Failed equipment is to be labelled 'Do Not Use' and quarantined until rectified or scrapped.