

TECHNICAL SPECIFICATION FOR Calibration 9103/9140 Field Dry-Well

Appendix A: Technical Schedules

Schedule A and Schedule B provide technical details against tendered equipment/Supplier's statement of compliance or non-compliance. The tenderer is requested to complete this Schedule A/B as part of the tender submission data package.

When completing the Schedule A/B, the tenderer is requested to take cognisance of the following:

It is expected of the tenderer to state clearly, for each clause that requires a statement of compliance in the Schedule A/B, either "Comply" or "Do Not Comply". The Tenderer shall provide detailed evidence for each answer specifically stating the **exact location** of the evidence in the supporting documentation i.e **document name and reference, page number, paragraph number**.

If a clause in the Schedule A/B requires information only, e.g. describe application etc. The tenderer is at liberty to provide any information deemed appropriate.

SCHEDULE A : PURCHASER'S PARTICULAR REQUIREMENT **SCHEDULE B: THE TENDERER'S COMPLIANCE**
Technical scoring methodology:

COMPLIANT [Meet the technical requirement(s) AND, No foreseen technical risk(s) in meeting technical requirements & Manual technical specification manual submitted]
 NON-COMPLIANT [Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions]

Clause No	Description of Clause	Schedule A (Purchaser's Particular Requirement)	Weight	Schedule B Compliance	Clause Score	Total Score	Schedule B Compliance	Clause Score	Total Score	Schedule B Compliance	Clause Score	Total Score
4	FUNCTIONAL REQUIREMENTS	Stated for Information only										
4.1	9103 Specifications requirements	Stated for Information only										
	The device shall meet the following :	State Compliance										
4.1.1	Range: -25°C to 140°C (-13°F to 284°F) at 23°C ambient	State Compliance	3									
4.1.2	Accuracy: ±0.25°C (holes greater than 1/4" [6.35mm]):±1°C	State Compliance	3									
4.1.3	Mains fuses :2 x T 2.0 AH 250 V (high-breaking capacity wire fuse 5 x 20 mm)	State Compliance	3									
4.1.4	Stability: ±0.02°C at -25°C ±0.04°C at 140°C	State Compliance	3									
4.1.5	Well-to-well uniformity ±0.1°C between similarly sized wells	State Compliance	3									
4.1.6	Heating times 18 minutes from ambient to 140°C	State Compliance	3									
4.1.7	Cooling times 20 minutes from ambient to -25°C	State Compliance	3									
4.1.8	Stabilization time 7 minutes	State Compliance	3									
4.1.9	Immersion depth 124 mm (4.875 in)	State Compliance	3									
4.1.10	Computer interface RS-232 included with free Interface-it software (Model 9930)	State Compliance	3									
4.1.11	Inserts Insert A, B, C, or D included (specify when ordering)	State Compliance	3									
4.1.12	Power 115 V AC (±10%), 1.3 A or 230 V AC (±10%), 0.7 A, switchable, 50/60 Hz, 150 W	State Compliance	3									
4.1.13	Size (W x H x D) 143 x 261 x 245 mm (5.63 x 10.25 x 9.63 in)	State Compliance	3									
4.1.14	Weight 5.7 kg (12 lb)	State Compliance	2									
4.1.15	NIST-traceable certificate Data at -25°C, 0°C, 25°C, 50°C, 75°C, 100°C, and 140°	State Compliance	3									
4.2	9140 Specifications requirements	Stated for Information only										
	The device shall meet the following :	State Compliance										
4.1.1	Range: 35°C to 350°C (95°F to 662°F)	State Compliance	3									
4.1.2	Accuracy: ±0.5°C (holes greater than 1/4" [6.35mm]): ±1°C	State Compliance	3									
4.1.3	Mains fuses :2 x T 2.0 AH 250 V (high-breaking capacity wire fuse 5 x 20 mm)	State Compliance	3									
4.1.4	Stability:±0.03°C at 50°C ±0.05°C at 350°C	State Compliance	3									
4.1.5	Well-to-well uniformity ±0.1°C with similarly sized wells	State Compliance	3									
4.1.6	Heating times 12 minutes from ambient to 350°C	State Compliance	3									
4.1.7	Cooling times 15 minutes from 350°C to 100°C	State Compliance	3									
4.1.8	Stabilization time 7 minutes	State Compliance	3									
4.1.9	Immersion depth 124 mm (4.875 in)	State Compliance	3									
4.1.10	Computer interface RS-232 included with free Interface-it software (Model 9930)	State Compliance	3									
4.1.11	Inserts Insert A, B, C, or D included (specify when ordering)	State Compliance	3									
4.1.12	Power 115 V AC (±10%), 4.4 A or 230 V AC (±10%), 2.2 A, switchable, 50/60 Hz, 500 W	State Compliance	3									
4.1.13	Size (W x H x D)152 x 86 x 197 mm (6 x 3.375 x 7.75 in)	State Compliance	3									
4.1.14	Weight 2.7 kg (6 lb)	State Compliance	2									
4.1.15	NIST-traceable certificate Data at 50°C, 100°C, 150°C, 200°C, 250°C, 300°C, and 350°C	State Compliance	3									
5	General Specification	Stated for Information only										
5.1	Software License	Stated for Information only										
5.1.1	The Supplier shall provide an enterprise software license, if any, for all software provided with the Calibration 9103/9140 Field Dry-Well for use by the Purchaser.	State Compliance	3									
5.2	Documentation	Stated for Information only										
5.2.1	The Supplier shall supply a complete set of documentation. Such documentation shall enable Purchaser's personnel to perform maintenance on the Calibration 9103/9140 Field Dry-Well. The documentation shall include the following:	State Compliance										
5.2.1.1	Manuals	State Compliance	2									
5.2.2	Manuals shall include the following:	State Compliance										

5.2.2.1	Hard copy of manuals with all the mechanical, electrical and environmental specifications of the unit	State Compliance	1									
5.2.3	All documents shall be supplied in English Language.	State Compliance	1									
5.2.4	All documents shall be supplied in a digital format and hard copy format and shall be available on the internet.	State Compliance	1									
5.6	Quality Assurance	Stated for Information only										
5.6.1	Eskom's Quality Assurance requirements as specified in ISO 9001:2015 are applicable.	State Compliance	1									

Signature: 

Print Name: Caswell Choenyana

Company: NTCSA

Date: 03/10/2025