

**Title: Supply of Phased Array
Ultrasonic Testing (PAUT) Flaw
Detector with TFM & 4-CH ToFD
incl. Probe set (TGS NDT
Services)**

Document Identifier:

**Alternative
Reference Number:** Not Applicable

Area of Applicability: Eskom Rotek Industries
SOC Ltd

Functional Area: Turbo Gen Services-

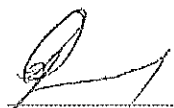
Revision: 0

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Next Review Date:

**Disclosure
Classification:** Controlled Disclosure

Compiled by



Cavin Govender
NDT Asset Controller

Date: 19/09/2022

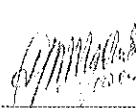
Functional Responsibility



Abraham Pans
NDT Level 3 Engineer

Date: 2022/09/19

Authorized by



Owen Makhubele
NDT Services Manager(A)

Date: 19/09/2022

PROBE CABLE LEMO 00- LEMO 00 – 2M

CARRYING CASE (USER MANUAL, CERTIFICATE OF QUALITY, EN 12668-1 CERTIFICATE)

IOS 17025 ACCREDITED CALIBRATION CERTIFICATE

1 off 010050-98 SIUI PAUT PROBE KIT A COMPRISING OF:

4.0L16-0.5-9 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

5.0L16-0.5-6 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

2.5L16-1.0-10 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

5.0L64-0.5-10 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

5.0L128-0.5-10 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

2.0L32-1.0-10 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

SIUI TO OLYMPUS ADAPTER

SPLITTER FOR THE SYNCSCAN 3 FOR SIUI PROBES: TQ-A020

SPLITTER FOR THE SYNCSCAN 3 FOR OLYMPUS: TQ-A103

1 off 010050-99 SIUI PAUT PROBE KIT B COMPRISING OF:

5.0L32-0.6-10 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

5.0L32-0.6-20 INCLUDING 30-70° SHEAR WAVE ANGLE BLOCK AND 20MM DELAY BLOCK

5.0L64-0.5—10-FX

SIUI TO OLYMPUS ADAPTER

SPLITTER FOR THE SYNCSCAN 3 FOR SIUI PROBES: TQ-A020

SPLITTER FOR THE SYNCSCAN 3 FOR OLYMPUS PROBES: TQ-A103

All UT equipment supplied shall comply with **ISO 18563: 1 – 3** as applicable

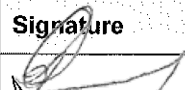
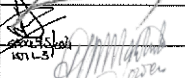

4. Reporting

A Certificate of Calibration issued by an ISO 17025 certified calibration laboratory, will accompany every equipment and probes supplied.

5. Supporting Documents

- a. ISO 17025 General requirements
- b. Evaluation criteria
- c. Price listing

6. Document Supported by:

Name	Position	Signature	Date
Cavin Govender	ERI TGS NDT Asset Controller		
Abraham C. Prins	ERI TGS Snr NDT Engineer		2022/09/19
Owen H. Makhubele	ERI TGS NDT Services Manager(A)		12/04/2023

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