

ULTRASONIC INSPECTION

TECHNIQUE SHEET

Document Information

Standard: AMS-STD-2154E

Document No: UT-TS-001

Revision: A

Date: 20.11.2025

Part Information

Part Number: N/A

Part Name: N/A

Material: N/A

Type: tube

Thickness: 25 mm

Inspector Information

Inspector: N/A

Level: Level III

Organization: N/A

1. Inspection Setup

Parameter	Value
Part Number	N/A
Part Name	N/A
Material	N/A
Material Spec	N/A
Type	tube
Thickness	25 mm
Dimensions	100 x 50 mm

2. Equipment

Parameter	Value
Manufacturer	N/A
Model	N/A
Serial Number	N/A
Frequency	5.0 MHz
Transducer Type	N/A
Transducer Ø	0.5 in
Couplant	N/A

3. Calibration

Parameter	Value
Standard Type	N/A
Reference Material	N/A
FBH Sizes	N/A
Metal Travel	25.4 mm
Block Dimensions	100 x 50 x 37.5
Block S/N	3/0100
Cal Date	20.11.2025

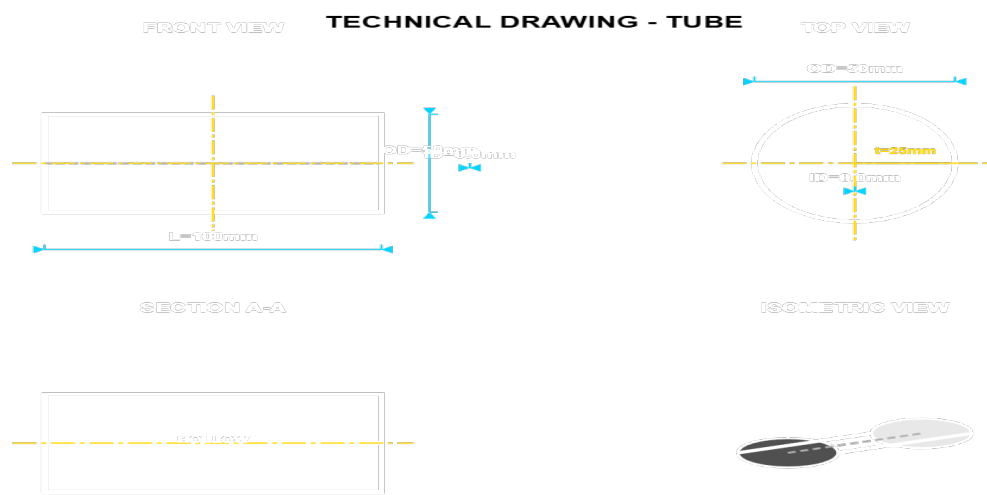
4. Scan Parameters

Parameter	Value
Method	N/A
Type	N/A
Speed	100 mm/s
Index	70 %
Coverage	100 %
Pattern	N/A
Water Path	0 mm
PRF	1000 Hz
Gain	N/A

5. Acceptance Criteria

Parameter	Value
Class	N/A
Single Disc.	N/A
Multiple Disc.	N/A
Linear Disc.	N/A
Back Loss %	50 %
Noise Level	N/A
Special Req.	N/A

Part Diagram



6. Documentation

Parameter	Value
Inspector	N/A
Certification	N/A
Level	Level III
Organization	N/A
Date	20.11.2025
Procedure No.	N/A
Drawing Ref.	N/A
Revision	A

Approval Signatures

Role	Name	Level	Date	Signature
Prepared by		Level III	20.11.2025	<hr/>
Reviewed by		Level III		<hr/>
Approved by				<hr/>

Notes:

- This technique sheet has been prepared in accordance with applicable standards and procedures.
- All equipment used has been calibrated and verified.
- The inspection shall be performed by qualified personnel only.
- Any deviations from this technique sheet require written approval.