



# Certificate of Accreditation

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This is to certify that

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**Mechanical Testing Laboratory,  
Inspection and Tests Nigeria Limited**

Km 1 Eleme-Onne Road, off Eleme Junction Flyover, Opposite Bristow Quarters, Port Harcourt, Rivers State. Nigeria

Has been assessed by the Nigeria National Accreditation System and meets the requirements of the International Standard

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## ISO/IEC 17025:2017

with demonstrated technical competence in the field of

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## Testing

for the specific services listed on the approved Scope of Accreditation.

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On behalf of the Nigeria National Accreditation System:



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Issue date: **June 08, 2021**  
Validity through: **June 07, 2023**

**Scope of Accreditation**

**Mechanical Testing Laboratory,  
Inspection and Tests Nigeria Limited**

Km 1 Eleme-Onne Road, off Eleme Junction Flyover, Opposite Bristow Quarters, Port Harcourt, Rivers State. Nigeria

**Schedule NO.: T 0026**

**Issue No. 1: 08 06, 2021**

**Valid to : 07 06, 2023**

<b>Materials/ Products Tested</b>	<b>Types of Tests/ Properties Measured / Range of Measurements</b>	<b>Standard Specifications / Techniques Used</b>
<b>Pipes, Metal Plates</b>	<b>Tensile Test</b> i. Modulus of elasticity on test pieces in the range of 0 kN to 1000 kN	ASTM E-8, ASME IX, AWS D1.1, API 1104
	<b>Bend Test</b>	ASTM E-190, ASME IX, AWS D1.1, API 1104
	<b>Charpy V-notch Impact Test from ambient temperature to -80° C</b>	ASTM E-23, ASME IX, AWS D1.1, API 1104
	<b>Brinell Hardness Test</b>	ASTM E-23, ASME IX, AWS D1.1, API 1104
	<b>Vickers Hardness Test in the range 0.3 kgf to 750 kgf</b>	ASTM E 92, ASME IX, AWS D1.1, API 1104
	<b>Positive Material Identification for the identification of metal composition</b> i. Carbon steel Elements	API 578, ASTM E415 ASTM E 572
	<b>Macro Examination on welds</b>	

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
		ASTM E-381, ASME IX, AWS D1.1, API 1104
	Micro Examination for determining ferrite-pearlite % composition	ASTM E 407, ASME IX, AWS D1.1, API 110