

Tensile test report



Report number	LP26-0231-01 TN
Customer name	Oilfield Traders
Address	36 Howson Way Bibra Lake WA 6163
Requested by	Chris Grainger
Purchase order	24012026
Accredited laboratory	LMATS Perth Laboratory
Job address	36 Howson Way Bibra Lake WA 6163
Test activity dates	29/01/2026
Item description	3x pipe samples of various size
Identification	1. 533mm OD x 22mm thick pipe sample, 2. 177mm OD x 13mm thick pipe sample, 3. 150mm OD 25mm thick pipe sample
Material grade	AS/NZS 1163 Grade 450 L0
Test specification	AS/NZS 1163: 2016
Test method	AS 1391:2020 (ISO 6892-1:2019)-Tensile test at room temperature
Elongation measured	After fracture
Specimen data	Longitudinal, Rectangular, Location as per specification Standard
Specimen preparation	Machined
Test temperature	Ambient
Testing rate	ISO 6892-1: Method B
Approved tester	Mahmood Alhabsi
Test results	Refer to the table on the following pages



Accreditation No. 15840

Accredited for compliance with
ISO / IEC 17025 - Testing

Signatory
Alex Khomoutov

LP26-0231-01 TN, Oilfield Traders, Page 1 of 2, Format no. OMS MF-RP-02 Tensile OMS(Rev. 5.0 20250530)

Report issued on 29/01/2026

Report no. LP26-0231-01 TN, Oilfield Traders, Page 1 of 2, Format no. OMS MF-RP-02 Tensile OMS(Rev. 5.0 20250530)

Table 1: Test area / items identification (provided by the client) and results

Item identification	Specimen ID	Dimension (mm)	GL (mm)	Max force (kN)	Fracture position	UTS (MPa)	0.2% Proof (MPa)	%E or A _g	Test result
1. 533mm OD x 22mm thick pipe sample	LP26-0231-01	22.07 & 20.00	120.0	309.80	Outer third	700	670	17.1	C
2. 177mm OD x 13mm thick pipe sample	LP26-0231-02	24.01 & 19.98	125.0	332.20	Outer third	690	630	16.6	C
150mm OD 25mm thick pipe sample	LP26-0231-03	12.51 & 19.83	90.0	176.90	Outer third	710	595	19.1	C
Requirements : AS/NZS 1163 Grade 450 L0				Minimum	500	450	16.0		
				Maximum	NA	NA	NA		

Legend: Ag - % Elongation @ stated gauge length, Ar - Proportional % elongation @ √5.65 So, C - Comply, DNC - Did not comply, E - Elongation, E(μm) - Elongation within stated tolerance, F - Failed, GL - Gauge Length, Ls - Shank length, NA - Not applicable, N - Elongation > within specified tolerance, P - Passed, PS - Proof Stress, ROA - Reduction of Area, RP - Report findings, UTS - Ultimate Tensile Strength, Y - Elongation <= within specified tolerance

Comments

Nil

Normative general notes

1. Test and inspection items may be discarded after 6 weeks, unless alternative arrangements are made with LMATS.
2. Samples, identification of samples and all job specific details were supplied by the client. The test results relate only to the items tested or sampled.
3. Any stated nominal pipe sizes and nominal thickness of the material were provided by the client.
4. Where applicable, the Measurement Uncertainty (MU) applies to the test results as per LMATS procedure. MU can be obtained by contacting one of LMATS ISO 17025 accredited laboratories.
5. Acceptance criteria is applied from the test specification. If the test specification does not include acceptance criteria, then the test or inspection results should be referred to a competent authority for further action.
6. Refer to the attached revision notes if this report has been revised. This report shall not be reproduced except in full without approval of the issuing laboratory to ensure that parts of a report are not taken out of context. The client or their representatives shall not edit this report.
7. LMATS or its professional indemnity insurance provider do not indemnify the contents within this report or the conformity of a tested product unless the invoice for the reported work is paid in full within the agreed credit terms. Reports will be revoked if the invoice for the completed work is not paid in full.