



Test Report

TC868324000007551F

Customer: M/s. Mother India Forming Pvt Ltd (Unit-2) Sy No : 13/3 & 14/2, Agasa Thimmanahalli Village, Indlawadi Cross, Anekal ,City:Bangalore ,562106	Report No.:	TRH/24-25/441-4
	Report Date:	26-04-2024
	Customer Ref. No.:	035
	Ref. Date	15-04-2024
	Sample Received Date:	18-04-2024
	Date Of Completion:	24-04-2024

Samples drawn by Customer

Sample Description: Butt Joint (Plate 1), WPS No : MIF/WPS/CS/001, Welder Name : Sandeep Kumar Prasad, Size : 10 mm Thk, Process : GMAW, Position : 1G, Joint Design: Single V, Size : 300 x 350 mm, Qty : 1 No.

Discipline : Mechanical, Group : MECHANICAL PROPERTIES OF METALS

Transverse Tensile Test	Test Method : ISO 15614 Part 1-2017/ISO 4136
Verified By: sankar	Tested on : 24-04-2024

Test Parameters	Result
Gauge Width (mm)	25.03
Gauge Thickness (mm)	9.93
Original Cross Sectional Area (mm ²)	248.55
Ultimate Tensile Strength (N/mm ² or Mpa)	486.02
Ultimate Tensile Load (KN)	120.80
Fracture Appearance	Ductile
Fracture Location	Base

Remark: ID-1

Transverse Tensile Test	Test Method : ISO 15614 Part 1-2017/ISO 4136
Verified By: sankar	Tested on : 24-04-2024

Test Parameters	Result
Gauge Width (mm)	25.05
Gauge Thickness (mm)	9.87
Original Cross Sectional Area (mm ²)	247.24
Ultimate Tensile Strength (N/mm ² or Mpa)	481.31
Ultimate Tensile Load (KN)	119
Fracture Appearance	Ductile
Fracture Location	Base

NOTE : This report relates only to the particular sample submitted for test * Any correction is not attested shall invalidate this certificate * Sample will be destroyed after 15 days from the date of testing unless instructed otherwise * Any complaints about this report should be communicated in writing within 7 days of this report * This report not to be produced wholly or in parts and cannot be used as an evidence in a court of law and shall not be used in advertising Media without prior permission in writing * Sample description is not verified in all cases and is given as described by the customers * Sample are not drawn by us unless otherwise stated * Laboratory reports the statements of Conformity to material specification as per Decision Rule 1, Non Conformity as per Decision Rule 4 & For Rule 2 & 3 Customer provides feedback.





TC-8683

TC868324000007551F

TRH/24-25/441-4 Dt- 26-04-2024

Remark: ID-2

Transverse Bend Test

Test Method : ISO 15614 Part 1-2017/ISO 5173

Verified By: sankar

Tested on : 24-04-2024

Test Parameters	Result
Specimen Dimension (mm)	300(L)X40(W)X10(T)
Mandrel Dia	40
Angle of Bend	180
Face Bend 1	No cracks observed
Face Bend 2	No cracks observed
Root Bend 1	No cracks observed
Root Bend 2	No cracks observed

Remark: Bend test found satisfactory

For MICROLAB

Sree Sudha
Manager - Technical

Authorized Signatory

----- End of Test Report -----

NOTE : This report relates only to the particular sample submitted for test * Any correction is not attested shall invalidate this certificate * Sample will be destroyed after 15 days from the date of testing unless instructed otherwise * Any complaints about this report should be communicated in writing within 7 days of this report * This report not to be produced wholly or in parts and cannot be used as an evidence in a court of law and shall not be used in advertising Media without prior permission in writing * Sample description is not verified in all cases and is given as described by the customers * Sample are not drawn by us unless otherwise stated * Laboratory reports the statements of Conformity to material specification as per Decision Rule 1, Non Conformity as per Decision Rule 4 & For Rule 2 & 3 Customer provides feedback.

