



BHARAT TECHNICAL LABS

An ISO 9001 - 2015 Lab

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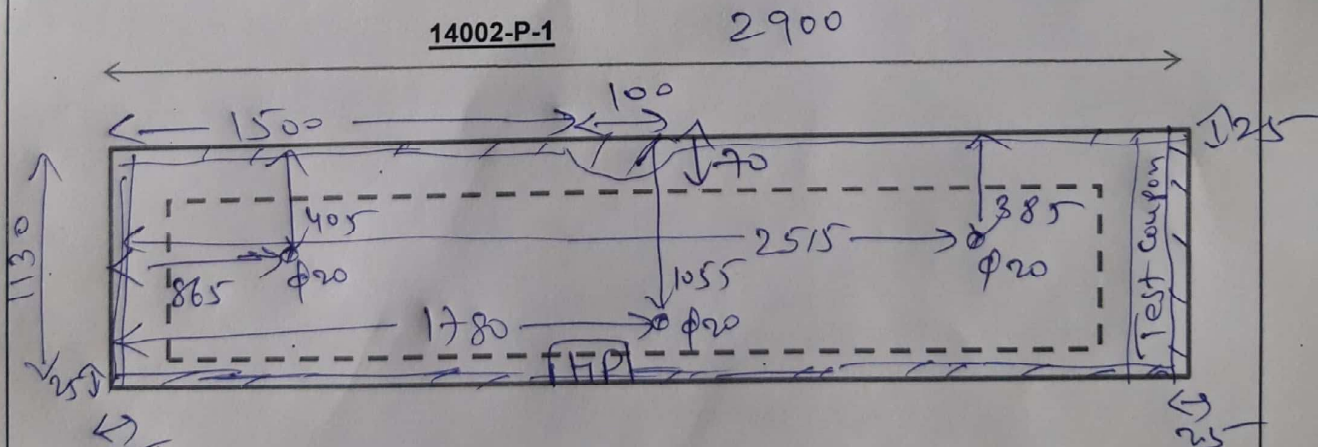
TEST REPORT

Date: 16.06.2020

Test Report No : 5281/2020
Customer Name and Address : M/s. Explofab Metals India (P) Ltd, Hyderabad
Clad Plate Identification : 14002-P-1
Clad Plate Size, mm : 2900 x 1130 x (32+8)
GBS, mm, Required : 2775 x 1025 x (32+8)
Material Specification : SA240 Gr.316L + SB575 UNS N06022
Type of Test : Ultrasonic Examination
Test Plate Condition : As clad, Stress Relieved & Flattened
Equipment Used : Ultrasonic Flaw detector: Einstein-II DGS
SI.No.E2334-1209
Calibration Due Date: 25/04/2021
Reference Block : V2 Block
Test Gain : 70 + 6db
Probe Used: Ø24mm 4 MHz TR Probe
Reference Reflector: BWE 80% of FSH
Scanning Area : 100% Surface Area from Clad Surface
Surface Condition : Smooth
Couplant : Water
Technique : Pulse Echo Contact Method

TEST RESULTS :

Ultrasonic test has been carried out for above stated clad plate as per SA578 Level.B S1 & Quality Level Class.1 of SA265 and found three discontinuity indications of size Ø20mm observed at clad interface as shown in below sketch and found satisfactory



HP- Clad plate identification hard punch area,

Note : All Dimensions are in mm. Drawing not to scale,

Nonbond areas

Test Witnessed by:

Mr.Venkatesh Boddu
M/s.TUV - NORD, Hyderabad



For Bharat Technical Labs

Authorised Signatory

K. Sainath
Level II, RT,UT,MT,PT,



Chemical, Mechanical, Metallurgical & Non Destructive Testing Services