55B RAW MATERIAL INCOMING INSPECTION REPORTS D.C. No. :- F/05/01 Issue no. :- 01, 01.07.2018 Rev. no. - :- 02 , 11.05.23 SECTION: -1776 90 HAET NO : -B-23958 26/10/2014 STEEL SUPPLIER :-INVOICE NO.-ING4115/24-25 Lydhigha stee REC.QTY : -INVOICE DATE. STEEL TO NO : -38X1 24 /10/20 24 NO. OF BARS : -Process /Mfg Route NC NMn ×s %P %Cr %NI %Мо %AI %Cu %As %Sb %٧ 0.34 0.3 1.1 %Pb %Ca %Nb %В 0.38 0.55 1.15 0.03 0.03 1.6 0.02 0.02 1.37 0.02 Frz.0 832.0 0.018 0.014 1.346 0.034 0.028 0.076 0.016 0,005 0,004 0,000 Bar Size (As per Wl...) Qty:10 % Of Total Heat Diameter/Section Size(in mm) necked 10 SNO 3 4 6 8 90.1 90.2 90.2 90.4 90.3 90.2 10 11 90 12 90.1 90.4 90.3 Gas Content (PPM): As per Mill To H2 02 Min Max Value MIII Tc Steel Supply Condition: AS Rolled MACRO Internal soundness Sample: (ASTM E381 or as per customer) \$ 2. R 2 (2 Dendrite structure 01 sample : (ii) (iii) Step Down Test Sample :(IS4075 or as per customer) Micro structure As Rolled: Micro streuture: (or as per customer) Mill To Fessivite + Pearsite FURTHE + Pearst ULTRASONIC TEST (AS PER ASTM A388): Mill To INCLUSION RATING (IS 14163 /ASTM: E45A OR REQUITRED BY CUSTOMER) D DS Sulphide Aluminate Silicate Oxide TN TK TN TK TN TK TN TK TN TK Cust Spec.If Any 1.0 2.019 1.0 1.5 Max 1,5 494 1,0 2,000 Mill Tc 2.0 0.5 1.0 GRAIN SIZE . Spec.:-Mill To 6.5 (ASTME112 / IS-4748) SSB JOMINY HARDENBILTY Distance IS-3848 /ASTMA255 Spcificified (As per required by Customer Mill To MECHANICAL PROPERTIES: (If Required in TDC /Customer) As per IS:1608/ ASTM A 370 As per IS: 1757 U.T.S Y.S N/mm2 IMPACT VALUE IMPACT VALUE %EL N/mm2 /MPA /MPA CHARRY Specified IZOD MA NA NA NB Observed IVA As Rolled Hardness (BHN (Max / Min) (If Required in TDC /Custo VISUAL: (i) Surface Condition 100 % Bars Checked OK NO (GOS (4+) Az Rust, coack) (ii) Heat No. 100 % Bars Checked 口片 B-23958 (ii) Color Code. 100 % Bars Checked BIACKY REDUCTION RATIO: Specifiy REDUCTION RATIO: (If Required in TDC /Customer) As Per Mill TC DECARB LEVEL: (AS PER IS 6396 / ASTM E1077) Specified (If Required in TDC /Customer) Observed PD FD UPSETIBILITY TEST (AS PER IS 10167) : Test Certificate verified for Each Heat no: Available & Ok Not Available Not Conforming TDC / Customer STD Mill Tc No Mill Tc Date Verified By: (If Required in TDC /Customer) ENGINEERS MIX-UP TEST Verified By Mobile Spectro /X-Ray Gun/Spark Test (If Required in TDC /Customer) Accepted V 8 Rejected METALLUPRIS Checked By Approved By