Actual Spec Actual 4. METALLOGRAPHY 2. PHYSICAL PROPERTIES 6. REMARKS Actual Max 1. CHEMICAL COMPOSITION Min Max Min 3.Dimension tolerence: as per IS 3739 Grade - 1 2.(Ref Std: DANA QF 1001, Rev 03, Date 14.06.2024) 5. The material is comply with ROHS (Pb,Cd,Hg,Cr+6) permissible limits 4. Microstructure: Uniform Ferrite + Pearlite Cust Spec TDS No. 01, Rev No. 01, Rev date 07.03.2021 1.0 2.00.330 0.400 | 0.400 | 1.100 | 0.020 M/S SSB ENGINEERS PVT.LTD. CUSTOMER SPECIFICATION 960 685 1.5 TENSILE PROPERTIES
(Quenched & Tempered) ASTM E8M 0.262 | 1.040 | 0.017 0.150 0.800 CUSTOMER NAME 2.0 Refer Remarks INCLUSION RATING
(ASTM E45-13) 1.0 Mn 0.0H 1048 Mpa 1080 880 0.5 H Ò Disakar H 9.0 <u>0</u>.5 H Diwakar H % EL 21.2 0.030 0.020 12 0.015 1.0 1.0 П 0.0 1.0 H 1.300 0.100 1.000 1.240 0.009 Q DS Mo MBF-EOF-LRF-VD-CCM-EMS-AMLC-HEAT NO. 55198 S 0.300 0.019 | 0.033 | (As Per DIN 50602) Z IMPACT TEST (Charpy) (RT) Joules PROCESS ROUTE Sy.No.632, Narayanadevarakere, H.B.Halli, Tq. Bellary District, 583 222 0.050 0.020 35CRMN5 86 25 GRADE A 0 SLR METALIKS LIMITED 0.006 < S+0 0.0037 Ti (%) TEST CERTIFICATE 80 DIA (mm) Actual Max Min $0.018 \mid 0.0004 \mid 0.0010 \mid 0.0006 \mid 0.0010 \mid 0.0002 \mid 0.0012 \mid 0.0010 \mid 0.0001 \mid 0.0001 \mid 0.0054 \mid 0.0011 \mid 0.$ 0.300 GRAIN SIZE (ASTM E112) Cu 7.5 5-8 As Rolled (BHN) 215-221 0.0005 B (%) 240 HARDNESS BLOOM SIZE REDUCTION Reviewed & Issued By 200×200 7.96:1RATIO 0.6%of dia TOTAL DECARB **SAE J419** Jagdecsh 0.24Nb 7.Inspection Certificate as per EN10204:2004, type 3.1 6. Material is conforming to the customer specification Ca (%) 0.0010 5500 TO 6000 C2,S2,R2 Max (ASTM E-381) MACRO-STRUCTURE 5. OTHER TESTS Better Than (mm) C2R2S2 Actual A Max Min JOMINY DISTANCE UNIT: mm (STANDARD: -) 3. JOMINY HARDENABILITY (in HRC) SUPPLY CONDITION 56.3 58.0 52.5 8 J1.5 DOWN (IS 4075) As Rolled 2 7 0K 58.0 52.0 54.2 Sn COLOUR CODE ORANGE 57.0 51.052.3Pb UPSET PAPIRA. 51.656.0 50.0 J7 S 47.5 100% Bars Checked by UT - Found OK Material is free from radioactive contamination 100% Bars checked for Mix-Up by PMI & Spark - Found OK 100% Bars Checked by MPI - Found OK & free from surface 50.2 55.0 J₉ Bi QUANTITY (MT) 49.1 54.0 45.5 111 g TC 30 25040444 Authorised Signatory 32.510 Praysh Angadi 54.0 47.2 113 Z. 44.2 53.0 42.5 1.13 2.10 CMIY Hattis 41.1 50.0 INVOICE NO 3E25Y-20177 120 ppin BUNDLE 250 233 3 13 51.5 8 300 Jan. and d 1200 999 3 50 36.0 36.9 (mythd) VEHICLI NO 20.0 PLIORCEDI20 Š 15-Apr-2025 S DATE

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