





**MAHARASHTRA SEAMLESS LIMITED**  
**WORKS (MILL) TEST CERTIFICATE**  
 EN 10204 : 3.1

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 QCF-20

Customer: 42456 DL 04-03-2022  
 P.O. No. 16210145  
 OC / Loading Slip No. ASTM A106 GR.B(2019) / API 5L GR.B / X42 PSL-1 - 2018  
 Specification: Hot Finished Seamless Carbon Steel Pipes  
 Process/Type of Pipe: OD X Wall Thick (Inch) 8.525 X 0.322  
 Length Range (FEET) 20 to 20.32  
 Total Length (FEET) 647.92 (32 Pcs.)  
 Material Code: NA

Test Certificate No. MSL-14/QC/0899A/2022  
 Date: 09-SEP-22

Raw Material	Fully Killed & Fine Grain practice	Dimension	Good	NDE-Method	Electro Magnetic Inspn.-Good Ref. Std. ASTM E-570	End Area Inspection	MPI-Good, Ref. Std. ASTM E-709
Steel Route	EAF-LRF-YD-CCM	Weight	Good	Location & Orientation	Longitudinal notch for OD & ID	Hydro Test Pressure	2360 Psi
Hot Rolling Temp. C	880-930	End Finish	BEVEL	Type & Size of Ref.Indicator	10% Notch & 3.2 mm radially drilled hole	Holding Time	10sec.
Heat Treatment	NA	Straghtness	Good	Residual Magnetism	30 Gauss Max	End Protection	PLASTIC ID GAP
Delivery Condition	R	Visual	Good	Field Weldability	NA	External Coating	Vanished
Norm./Temp. Temp.	NA	Bend Test	NA	Flattening Test	OK	Flaring Test	NA
HIC	NA	SSC	NA	Micro Structure/Grain Size	OK	CTOD	NA
Inclusion Rating	OK	Hot Straght Temp. C	NA	Colour Coating	NA		

D) Marking/Stamping: MAHA MSL ASTM A106 B / API 5L GR.B / X42 / PSL-1 BE SRL 8.525 INCH 0.322 INCH LENGTH IN FEET HES HEAT NO..... 2360 PSI + 28.58 PPF MADE IN INDIA AND "PO # 25.436"

E) Remarks: Material conforms to NACE MR-0175/ISO 15156-2 (2015) MR0103-2015. Melt and Pour Country: INDIA  
 For each reduction of 0.01% below the specified C Max, an increase of 0.06% Mn above the specified Max will be permitted upto a Max of 1.35%.

Logards: T-Transverse, L-Longitudinal, YSR- Yield Strength, UTS-Ultimate Tensile Strength, EL-Elongation, DL-Gauge Length, H-Heat, P1-Product1, P2-Product2, R- As rolled, O-Quenched & Tempered, N- Normalized, NR-Normalized & tempered, NA- Not Applicable.

The Material has been manufactured, sampled, tested and inspected and has been found conforming to the specification and PO. All the specifications refers in this certificate for all of latest edition.

W & R.O.: Pipemagar, Vill. Sukail, N.H. 17 B.K.G. Road Dist. Raigarh, Maharashtra-402126, phone:02194238511, 222010, Fax:238513  
 Warning: Modification or unauthorised use of this certification is strictly prohibited. Violation calls for criminal prosecution. For authenticly verification, you can contact at: mail@mahaseamless.com

FOR MAHARASHTRA SEAMLESS LIMITED  
 Rajesh Jahn  
 Manager (QC)

Rev 09 Date:01/01/2020