



## TEST CERTIFICATE

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DETAILS			CUSTOMER/DESTINATION			WAGON/TRUCK/TRAILOR No.			R.R. WEIGHT (TONS)	
T.C.NO:	QMS/R/QAD/RM/45/P/2024-25/9000/00119001	DATE: 28.07.2024	SHIVOM TRADING CO., NH 27 Survey no. 192 Plot no. 3 Opp. P. S. Plywood Gondal Rd, Veraval Shapar,, Rajkot, Gujarat, India			RJ52GB0661.			31.700	
INV NO:	8024003952	DATE: 28.07.2024								

HEAT / LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS/ BUNDLES	CHEMICAL COMPOSITION										MECHANICAL PROPERTIES				COLOUR CODE	GRADE DESCRIPTION
			C	MN	P	S	SI	AL	CR	CU	CE	YS	UTS	%EL	RA	BEND TEST		
			%	%	%	%	%	%	%	%	%	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%	%			
24D01399	25	8	0.153	0.610	0.015	0.016	0.180	0.012	0.013	--	0.257	298.000	482.000	30.000	47.000	NA	PINK+ORA NGE	SAE1018

## STANDARD SPECIFICATION:

CHEMICAL	C	Mn	P	S	Si	Al	Cr	Cu	CE	V	TI	B.
	0.150 - 0.200	0.600 - 0.900	<= 0.040	<= 0.050	<= 0.300	0.010 - 0.150	<= 0.050	NA	0.250 - 0.360	---	---	NA
MECHANICAL	YS	UTS	%EL	RA								
	>= 220	>= 410	>= 25	>= 40								

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES.  
AVERAGE WEIGHT OF EACH BUNDLE/COIL/BILLET/BLOOM IS 3.963 TONS APPROXIMATELY  
MANUFACTURING ROUTE: BOF-LF/RTUT-CCM-BILLETS-ROUND Material is Al-Si Killed  
REDUCTION RATIO: 45.83 : 1 COLOUR CODE: PINK+ORANGE

TC ISSUED BY:

Shivom Trading Co. (Shapar)

QTY. 230 KG 10 Pcs

Inv. No. ST2425-1235

Date: 7/1/2025

FOR (QA & TD)  
VISAKHAPATNAM STEEL PLANT  
R.I.N.L

Date: 7/1/25

Batch No.: 556L

Material: MS

Section: 25mmφ

Qty: 230kg

Supplier: Shivom

Steel Mill: VSP

556L