

**VIRAJ PROFILES LIMITED (SRM Division)**Works: SURVEY NO.- 25/1, 25/2, 26 & 34, Village- MAAN, Taluka- PALGHAR, Dist.- PALGHAR, MAHARASHTRA -401 506, INDIA,
e-mail- vielqc@viraj.com**(A02) INSPECTION CERTIFICATE & MILL TEST REPORT (DIN EN 10204-3.1)**

(A06)CUSTOMER :	Manufacturer's Symbol (A04)	(A03)MTR NO.	75016782/1
		(Z02) DATE	17.10.2018
		MATERIAL SPEC.	
		(B02) GRADE	1.4305/303
		DIMENSIONAL SPEC.	h9

(B01) : STAINLESS STEEL BRIGHT **(B04) DELIVERY CONDITION : COLD DRAWN POLISHED - 2H****(A07)ORDER NO:** S/142248/011/2018 **(A09)Article No:**

(B09-B11)ITEM DESCRIPTION	LENGTH	(B08) PIECES(Nos)	NET WEIGHT(TO)	(B07) HEAT NO
ROUND 20.000 MM	3.00 - 3.20	129	0.968	51046

Bundle No | 1100983571,1100983572**(C71-C92) CHEMICAL ANALYSIS**

ELEMENT	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N				
HEAT	0.0440	1.9300	0.3500	0.2860	0.0400	17.4200	8.1400	0.5800	0.3200	0.1500	0.0380				

MECHANICAL PROPERTIES

Inspection No.	Test specification (ISO 6892-1)													
			(C03) Test Temp @RT		(C02) Test Direction L									
100010664719	(C12) Tensile Strength	Proof Strength			(C13) Elongation%		Reduction of Area%	Hardness						
		Rp=0.2%	Rp = 1%											
	Mpa	Mpa	Mpa		Lo-5D		HBW							
	705.00	611.00			34.00		58.00		208					

METALLURGICAL PROPERTIES

(B03)COROSION TEST	MICRO OBSERVATION	GRAIN SIZE ASTM E-112
	NO CARBIDE PRECIPITATION OBSERVED ON GRAIN BOUNDARIES	7

(B06)Product Marking : SIZE, GRADE, HEAT NO., LOGO & INSPECTOR STAMP

MATERIAL CONFIRMS TO EN 10088-3:2014, ASTM A582/A582M-12e1, FLAW DETECTION AS PER EN 10277-1 Class 3. DIN EN 10278.

CERTIFIED AS PER EN 10204 3.1.

GRADE : 1.4305/AISI 303. PMI TEST: OK. STEEL MAKING ROUTE: INDUCTION MELTED / AOD.

DIMENSIONAL+VISUAL CHECK WITHOUT OBJECTION.

REMARKS : MINIMUM SOLUTION ANNEALING TEMPERATURE 1050°C, SOAKING TIME 01 HR/INCH WATER QUENCHED. MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.

we certify that the above material has been inspected and tested and complies with the order/contract and is of Indian origin

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(Z03)Inspector's Stamp

AUTHORIZED WORKS INSPECTOR

RADHAKRISHNA MURTHY