

VIRAJ PROFILES LIMITED

10 Imperial Chambers, 1st Floor,
Wilson Road, Mumbai 400 038
INDIA

W/O 5254
S/O 2961

VIRAJ

CO 22405

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21496

TEST CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO IMP/917083/6	INSPECTION NO 100000785701	DATE 04.10.2010
			GRADE 316/316L	HEAT No 21496

BUNDLE NO :
5126457, 5126459,

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

oh
JIT
11/7/11

SMOOTH TURNED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
3 1/4"	ROUND	ASTM A484	12' - 14'	4	1,393.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0230	1.730	0.430	0.0220	0.0340	16.530	10.060	0.300	2.040	0.160	0.0730

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
40.0	86.0	56.0	69.0	175.0	6.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN EN 10088-3:2005: 1.4401/1.4404. EN 10222-5 AND EN 10272 COND-A & ASTM A182/A-182M-06, A276-06 COND A, A479/A479M-06a COND A, A193/A193M-06a B8M CL-1, A320/A320M-05a B8M CL-1, A484-06b, A388/A388M-05, ASME SA182-04, SA479-04, SA 193-04 B8M CL-1, SA320-04 B8M CL-1, ASTM A314-2002, IGC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E. AMS 5648J / AMS 5653F (EXCEPT MARKING), QQ-S-763F, NACE-MR0175-2002, SAE-AMS-S-7720A, MIL-S-862 B, AISI 316/316L & UNS#S31600/S31603. CERTIFICATION AS PER EN 10204-3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES, MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, ISOAKING TIME 01 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

K R K MURTHY
WORKS INSPECTOR
K R K MURTHY