

VIRAJ PROFILES LIMITED

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

84714

VIRAJ

C074264

ASA P077835 WO 5909 CPA 6 FOE 80

20 pcs

TEST CERTIFICATE

ORDER NO PO1051	PACKING LIST NO IMP922599/11	INSPECTION NO 100000998021	DATE 26.02.2011
		GRADE 316L316L ✓	HEAT No 34714

BUNDLE NO:
3106426, 3106425

ok
4/30/13

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

ROUGH & MACHINED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1" ✓	ROUND	DIN H 3	12.20"	2	6.036 kg ± 0.5

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N1
0.0180	0.090	0.440	0.0200	0.0370	16.500	10.800	0.530	2.320	0.16	0.0010

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
26.0	80.0	56.0	72.0	302.0	5.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN EN 10088-3:2005 (1.4401/1.4404) EN 10220 AND EN 10278 COND-A & ASTM A182/A182M-06, A276-06 COND A, A479, A479M-06a COND A, A192, A192M-06a BSM CL-1, A320/A320M-05a BSM CL-1, A434-05, A388/A388M-05 ASME SA182-04, SA479-04, SA 193-04 BSM CL-1, SA329-04 BSM CL-1, ASTM A314-2003, IOC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E, AMS 5648T, AMS 5652P (EXCEPT MARKING), QQ-S-76H (FACE AMS 5475-200), 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, SOAKING TIME 03 HRS, WATER QUENCHED. (HIT SOURCE ADD) 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.

Murthy
WORKS INSPECTOR
K R K MURTHY