

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

MATERIAL TEST CERTIFICATE

Inspection Certificate : As per BS EN 10204 : 2004 3.1



ANOOP FORGINGS PVT. LTD.

(An ISO 9001 : 2008 Certified Co.)

Factory:

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CUSTOMER: FLOW TECHNOLOGY LTD	MTR NO.	09 / EXP / 13-14
HALF HOUSE LANE,	DATE	22.08.2013
HOVE EDGE, WEST YORKSHIRE	MATERIAL SPECIFICATION	ASTM A182
BRIGHOUSE, HD6 2PH, UK	GRADE	F316L
	DIMENSIONAL SPECIFICATION	As per your Drawing
	STAINLESS STEEL FORGINGS	TEES & ELBOWS

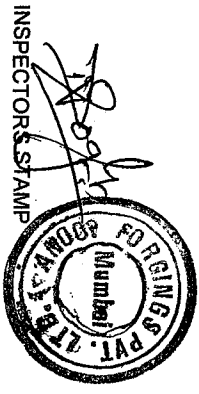
ORDER NO. : 008046 / JS DT. 29.04.2013 & 008261 / JS DT. 24.06.2013

APPROVED ACCORDING TO AD 2000-MERKBLATT CERTIFIED ACCORDING TO PED (97/23/EC) BY CERTIFICATION BODY OF PRESSURE EQUIPMENT OF TUV NORD REG. NO. 0045

- MELTING PROCESS : ELECTRIC FURNACE & REFINING THROUGH AOD
- SAMPLE LOCATION : LOCATION OF SAMPLE T/4 BELOW THE HEAT TREATED SURFACE.
- SELECTION OF SAMPLE : TANGENTIAL
- TEST TEMP & SIZE FOR PHYSICAL TESTING : +20°C & 12.5MM
- TEST TEMP & SIZE FOR CHARPY IMPACT TESTING : +20°C & 10 X 10 X 55MM
- TEST METHOD (TENSILE,IMPACT & HARDNESS) : AS PER ASTM 370
- HEAT TREATMENT : SOLUTION ANNEALED AT 1050° C AND WATER QUENCHED
- DIMENSIONS : CONFIRM WITH THE SPECIFICATIONS
- SURFACE INSPECTION : SATISFACTORY
- PMI : NO OBJECTION (100% TESTED)
- INTER GRANULAR CORROSION TEST : PASSED IGC TEST IN ACCORDANCE WITH ASTM A262 PRACTICE E
- MICRO OBSERVATION : NO CARBIDE PRECIPITATION OBSERVED ON THE GRAIN BOUNDRIES
- MARKING : N/A
- RADIOACTIVITY TEST : ALL THE ABOVE MATERIAL IS TESTED FOR RADIOACTIVITY AND FOUND THAT THERE IS NO RADIO-ACTIVE CONTAMINATION.
- MERCURY CONTAMINATION : MATERIAL IS PROCESSED IN MERCURY FREE ENVIRONMENT

WE CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLES WITH THE ORDER/CONTRACT AND IS OF INDIAN ORIGIN

** After Solution Annealing Hardness found less than HRC 22 (237 BHN) according to "NACE MR-0175-2009"
 ** Anoop Forgings certify that this is a true copy of the original "Mill Test Report" now on file.



(Signature)

WORKS AUTHORISED INSPECTOR

REV 0

01.04.02

QAE/FR/12

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