



6870 HIGHWAY 42 EAST

METALLURGICAL TEST REPORT

NOKIA AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

Certificate: 410977 2

Ship To:
ENCORE METALS LIMITED PARTNERSHIP
333 DEBARTS STREET
WINNIPEG, MB R2J3V6

Date: 7/10/2008 Page: 1
Steel: 304L/304
Finish: RT

Your Order: 458706

NAS Order: IN 0046967 02

Corrosion: ASTM A262-02a PRACTICE R-

PRODUCT DESCRIPTION:

Round bar, hot rolled, annealed, rough turned. A484 Rough Turned UNS -S30400/30403, ASTM A276/05a, Q95-763F, ASTM A479/05a, AMS 5647H, A SAE SA479/04ed, EN 10204 3.1B ASTM A193/03 Class 1 grade B8 (EXC. HARDNESS AND PAR 6.3), ASTM A320/03 Class 1 grade B8, ASME SA320/04 Class 1 grade B8, ASME SA193/05 grade B8 (EXC. HARDNES S AND PAR 6.3) ASME SA182/04ED 06AD (CHEM ONLY), ASTM A182-05a (CHEM ONLY) AMS 5639H ASTM A484-5a NACE MR0175 (MID RADIUS ONLY AND EXCEPT COLD DRAWN BAR)

REMARKS:

Melted & Manufactured in the USA. Product complies w/ requirements of EU directive 2002.95.EC. RoHS. Material Free from Mercury contamination. No weld repair. NAS certifies the analysis on certification is correct & the material meets specs stated.

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BC0754 8	5.0000			768	144.00	2	1	

CHEMICAL ANALYSIS

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
4CN9	US	.0263	.1798	18.1320	.4422	1.4512	.4231	.0808	8.6612	.0340
	S		SI							
		.0256	.3083							

MECHANICAL PROPERTIES

Product Id	Id	HB	-2 YS	UTS	RA	.1 YS	E10-4D
	o i	No.	KSI	KSI	%	KSI	%
BC0754 8	C L	146.00	38.00	81.00	69.00	43.00	58.00

ENCORE METALS
APPROVED
JUL 13 2008
BY:

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER ERIC HESS 7/10/2008

P=05870

H=4CN9

C=54161160