

CERTIFICATE OF TESTS

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

CERT SERIAL# 001037741



CARPENTER

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10/31/16

CUSTOMER/BESTELLER/CLIENT
SALIT SPECIALTY REBAR

SELLER/VERKÄUFER/VENDEUR PAGE 1 OF 2

3235 LOCKPORT ROAD
NIAGARA FALLS NY 14305

HVL

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
18278	W84581	10/31/16	39501.00

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 751005 UNS NUMBER S32304

PRODUCT DESCRIPTION: ENDURAMET 2304 HOT FINISH UNANNEALED PICKLED YIELD MIN
----- 60.0 KSI
PART NUMBER: SSR052304

SPECIFICATION: ASTM-A276-15 (CHEMISTRY ONLY)
----- ASTM A955-15 YS 0.2% OFFSET ONLY (03/ /15)

SIZE 0.626000 IN. (15.90 MM) RD BAR

HEAT CHEMISTRY (WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	MN (XRF)	SI (XRF)	P (XRF)	S (COM)	CR (XRF)
0.02	1.77	0.39	0.02	0.001	22.88
NI (XRF)	MO (XRF)	CU (XRF)	N (FUS)	B (OES)	
3.56	0.33	0.34	0.16	0.002	

THIS HEAT MELTED BY THE ELECTRIC ARC/AOD PROCESSES

(T) RANSVERSE	(L) ONGITUDINAL	L
YIELD STRENGTH, (0.20 %) KSI (MPA)	87.5 (603)	
TENSILE STRENGTH, KSI (MPA)	117.0 (807)	
ELONGATION IN 8.00", %	28.0	
REDUCTION OF AREA, %	76.0	

MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DFARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.

THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 34 DATED 11/18/15.

CARPENTER'S QUALITY MANAGEMENT SYSTEM WAS REGISTERED AS OF NOVEMBER 24, 2013 TO THE REQUIREMENTS OF ISO 9001:2008 APPROVAL CERTIFICATE 13-1996R BY PERFORMANCE REVIEW INSTITUTE. THIS CERTIFICATE OF TEST IS TYPE 3.1 PREPARED IN ACCORDANCE WITH EN 10204 (DIN 50049). WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS, AS DOCUMENTED IN THIS CERTIFICATE OF TESTS.

TEST METHODS ARE PER THE ASTM STANDARDS ON FILE AND IN EFFECT AT TIME OF ORDER ACCEPTANCE, STANDARD PRACTICES, OR AS AGREED UPON BETWEEN CARPENTER & CUSTOMER.

FORM E2-366

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