

R71118

WESTERN FORGE & FLANGE CO.

687 COUNTY ROAD 2201
CLEVELAND, TX 77327
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CERTIFIED MATERIAL TEST REPORT

CERTIFIED IAW EN10204 3.1 (MADE IN USA)

TO: ROLLED ALLOYS - CANADA, INC.	WFF SO NO:	14282
PO: T30625	HEAT NO:	R71118
SPECIFICATIONS: ASTM A182 F55 ZERON 100 (S32760)		

QTY	ITEM DESCRIPTION
3	ROUGH FORGE TO FINISH 28" OD X 4" THK
	TAG NUMBER 1495; RA CANADA W62830

TYPE	C	MN	P	S	SI	CR	NI	MO	N
F55	.017	.65	.023	.0003	.23	25.41	7.00	3.82	.23

HEAT NO.	YIELD .2% OFF-PSI	TENSILE-PSI	% ELONG	% RED AREA	HARDNESS	GRAIN SIZE (ASTM)
R71118	92,500	121,100	37.2	80.6		

- NO WELDING PERFORMED ON THE FORGINGS OF THIS ORDER.
 - MATERIAL HEREIN IS CERTIFIED FREE FROM ANY FORM OF MERCURY, RADIUM OR ALPHA PARTICLE CONTAMINATION THROUGHOUT ALL PHASES OF MANUFACTURE AND SHIPMENT.
 - THE FORGINGS ON THIS ORDER CONFORM TO THE SPECIFIED DIMENSIONAL REQUIREMENTS.
 - MATERIAL MANUFACTURED IAW WFF QA PROGRAM QMS-WF08-10.
 - Solution annealed @1950°F and water quenched to below 300°F within less than three minutes.

WE CERTIFY THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED, TESTED AND EXAMINED IAW AND MEETS ALL THE REQUIREMENTS OF ABOVE PURCHASE ORDER AND REFERENCED SPECIFICATIONS.

10/30/09
DATE

Rose Kay

ROSE KAY, QUALITY ASSURANCE ASSISTANT
WESTERN FORGE & FLANGE CO.

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