

56797

WESTERN FORGE & FLANGE CO.

687 COUNTY ROAD 2201
 CLEVELAND, TX 77327
 PH (281) 727-7000 FAX (281) 727-7062



CERTIFIED MATERIAL TEST REPORT

CERTIFIED IAW EN10204 3.1 (MADE IN USA)

TO: ROLLED ALLOYS CANADA INC	WFF SO NO:	28322-1
PO: 1002191ED	HEAT NO:	56797
SPECIFICATIONS: ASTM A182-15b F55 ZERON 100 (S32760) NACE MR0175 APPLIES.		

QTY	ITEM DESCRIPTION
3	ROUGH FORGE TO FINISH 21" OD X 2.55" THK

TYPE	C	MN	P	S	SI	CR	NI	MO	N
F55	.017	.53	.021	.0005	.26	25.19	7.02	3.62	.228
MILL	CU	W	PREN						
	.589	.613	40.78						

HEAT NO.	YIELD .2% OFF-PSI	TENSILE-PSI	% ELONG	% RED AREA	HARDNESS	GRAIN SIZE
56797	88,060	116,530	40.9	80.6	HBW	

- 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 @2050°F and water quenched, transferred furnace to water within 45 seconds, maximum water temperature 100°F throughout quenching.

WE CERTIFY AND AFFIRM THAT CONTENTS OF THE REPORT ARE CORRECT AND ACCURATE AND THAT ALL TEST RESULTS AND OPERATIONS PERFORMED BY WESTERN FORGE OR ITS SUBCONTRACTORS ARE IN COMPLIANCE WITH THE APPLICABLE SPECIFICATIONS. THE MATERIAL DESCRIBED HEREIN MEETS ALL THE REQUIREMENTS OF ABOVE PURCHASE ORDER AND REFERENCED SPECIFICATIONS.

02/18/2016

DATE

KEITHA ASH, QUALITY ASSURANCE TECHNICIAN
WESTERN FORGE & FLANGE CO.

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