



**CERTIFICATE OF TESTS**  
"OPEN DIE DIVISION"

HT 77096

Form 20A Rev N/C

<b>MATERIAL:</b> F316 SS NACE MR0175 & EN 10204 3.1b	<b>TO:</b> TECHNOWORX INC 4788 - 50 AVENUE SE CALGARY, ALBERTA T2B 3R4	<b>DATE:</b> November 6, 2015
<b>SPECIFICATIONS:</b> F316 SS NACE MR0175 & EN 10204 3.1b		<b>CANFORGE ORDER NO:</b> 8010-102
<b>CONDITION:</b> SOLUTION TREATED @ 1950°F		<b>CUSTOMER P.O. NO.:</b> 614

**Chemical Analysis**

QTY	PRODUCT DESCRIPTION	HEAT NO.	C	Mn	P	S	Si	Cr	Ni	Mo	Cu	N		
1	DISC, MACHINED WITH ALLOWANCE TO FINISH TO: 33¾" DIA x 6.469" TH	77096	.017	1.89	.031	.007	.51	16.26	10.15	2.05	.48	.079		

**Mechanical Tests**

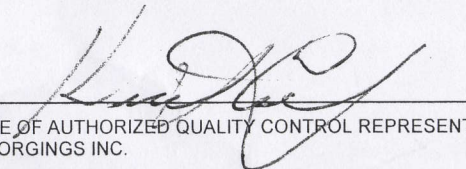
**Non-Destructive Tests**

Heat No.	Yield Strength PSI	Tensile Strength PSI	Elongation %	Reduction of Area %	Charpy V Ft.-Lbs.	Temp	Hardness HB	<input type="checkbox"/> UT	<input type="checkbox"/> MPI	<input type="checkbox"/> LPI
77096	34,000	76,500	58.1%	75.2%			170			

**REMARKS:**

**MATERIAL MANUFACTURED IN USA**

ALL RELEVANT DOCUMENTS ARE AVAILABLE UPON CUSTOMER REQUEST. SHIPMENT IS IN COMPLIANCE WITH ALL PURCHASE ORDER REQUIREMENTS. WE HEREBY CERTIFY THAT THE ABOVE RESULTS WERE OBTAINED BY TESTING IN ACCORDANCE WITH THE SPECIFICATIONS.

  
 SIGNATURE OF AUTHORIZED QUALITY CONTROL REPRESENTATIVE  
 CANADA FORGINGS INC.