



HT# 57165

CERTIFICATE OF TESTS  
"OPEN DIE DIVISION"

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> October 20, 2015
<b>SPECIFICATIONS:</b> F316 SS NACE MR0175 & EN 10204 3.1b		<b>CANFORGE ORDER NO:</b> 8010-101
<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		
5	DISC, MACHINED WITH ALLOWANCE	57165	.020	1.78	.027	.022	.48	16.42	10.29	2.13	.64	.083		
	TO FINISH TO:													
	33 3/4" DIA x 6.469" TH													

**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
57165	33,000	76,000	51.5%	73.8%			149			

**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.