

ISO 9001:2008, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

**SIVACO Ontario** a Division of SIVACO Wire Group L.P.

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## **Physical Test Report**

WORK ORDER 081530

HEAT NUMBER W33013 SALES ORDER / RLS 051823 / 1 CERT ID / REV 00042262 / 01

SOLD TO

G & R Forging 7072 Smith Industrial Drive McGregor, ON NOR 1J0 Canada

18") 1018 IQ	, Clean/Coa					00						
IIREMENTS				SPECIFICATION PIQ1018130-12 13.00mm (0.5118") 1018 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%								
		Chemica	l (value of s	9 = n/a)								
Mn .6900 .0	P 100 .00	s si 50 .1800	Cu .0400	Ni .0700	Cr .0700	Мо .0050	Sn .0010	Al .0020				
v .0050 .0	N 045											
		Mechar	nical - Tag I	Detail								
.51 .51 .51 .51 .50 .50 .51	.0 69506   .0 69506   .2 70908   .2 70908   .4 70677   .4 69880	End c	of Certification									
	6900 .0 V 0050 .0 DIA .51 .51 .51 .51 .50 .50 .50 .51	6900 .0100 .00 V N 0050 .0045 DIAs UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .514 70677 .514 69880	6900 .0100 .0050 .1800 V N 0050 .0045 Mechar DIAS UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .512 7097 .504 70677 .514 69880 .514 69880	6900 .0100 .0050 .1800 .0400 V N 0050 .0045 Mechanical - Tag I DIAS UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .514 70677 .514 69880	6900 .0100 .0050 .1800 .0400 .0700 V N 0050 .0045 Mechanical - Tag Detail DIAs UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .512 70908 .514 69880 .514 69880	6900 .0100 .0050 .1800 .0400 .0700 .0700 V N 0050 .0045 Mechanical - Tag Detail DIAs UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .512 70908 .514 70677 .514 69880 .514 69880	6900 .0100 .0050 .1800 .0400 .0700 .0700 .0050 V N 0050 .0045 Mechanical - Tag Detail DIAs UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .512 70908 .514 70677 .514 69880 .514 69880	6900 .0100 .0050 .1800 .0400 .0700 .0700 .0050 .0010 V N 0050 .0045 Mechanical - Tag Detail DIAs UTSS .510 69506 .510 69506 .512 70908 .512 70908 .512 70908 .514 70677 .514 69880 .514 69880				

I attest that the results are a true and correct copy of the records prepared and maintained by SIVACO Ontario in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier. This test report cannot be reproduced or distributed, except in full, without the written permission of SIVACO Ontario.

