

ISO 9001:2000, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

SIVACO Ontario

a Division of SIVACO Wire Group L.P.

330 Thomas Street PO Box 220 Ingersoll, Ontario CANADA N5C 3K5

(519) 485-4150 Fax (519) 485-3039

Physical Test Report

WORK ORDER **056579**

HEAT NUMBER **A00750**

SALES ORDER / RLS 034145 / 7 CERT ID / REV 00017255 / 01

SOLD TO

G & R Forging 7072 Smith Industrial Drive McGregor, ON N0R 1J0 Canada

E				6,642 lbs		2 0004	4399	09/15/2010	
		==							
•	•	•	•	, .			3.91.6000		
Rods Dia.<	14.0mm (U	.551"),Fur	tner Proce	ssea,Carb	on < 0.60%	′ o			
OUIREMENT	rs.								
			Chemical	(value of 9	9 = n/a)				
Mn	P	s	Si	Cu	Ni	Cr	Мо	Sn	Al
.6800	.0090	.0050	.2600	.1800	.0600	.1200	.0170	.0090	.0040
v	N								
	PIQ10 2755") 1018 Rods Dia.< EQUIREMENT	PIQ1018070-018 2755") 1018 IQ, Clean Rods Dia.<14.0mm (0 EQUIREMENTS	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clea Rods Dia.<14.0mm (0.551"),Fur EQUIREMENTS	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clean/Lime (MRods Dia.<14.0mm (0.551"),Further Proce EQUIREMENTS Chemical Mn P S Si	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clean/Lime (MOD), G&R Rods Dia.<14.0mm (0.551"),Further Processed,Carb EQUIREMENTS Chemical (value of 9 Mn P S Si Cu	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clean/Lime (MOD), G&R Cold Forg Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% EQUIREMENTS Chemical (value of 9 = n/a) Mn P S Si Cu Ni	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clean/Lime (MOD), G&R Cold Forging, 7213 Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% EQUIREMENTS Chemical (value of 9 = n/a) Mn P S Si Cu Ni Cr	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clean/Lime (MOD), G&R Cold Forging, 7213.91.6000 Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% EQUIREMENTS Chemical (value of 9 = n/a) Mn P S Si Cu Ni Cr Mo	PIQ1018070-01M 2755") 1018 IQ, Clean/Coat, Clean/Lime (MOD), G&R Cold Forging, 7213.91.6000 Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% EQUIREMENTS Chemical (value of 9 = n/a) Mn P S Si Cu Ni Cr Mo Sn

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.

Authorized by: Graham Benoit, QA Manager