

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 **071893**

HEAT NUMBER **A07044**

SALES ORDER / RLS 044807 / 2 CERT ID / REV 00032178 / 01

SOLD TO

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

.O. CUSTOMER PART				QUANTITY COILS 12,356 lbs 3					SHIPMENT DATE 02/16/2012	
740") 101	0 IQ, Clea	n/Coat, Clea					6000			
QUIREMEN	TS									
			Chemical	(value of 9	9 = n/a)					
Mn .3900	P .0070	s .0080	si .2100	Cu .1600	Ni .0600			sn .0080	Al .0060	
v .0000	N .0075									
			Mechan	ical - Tag I	Detail					
	DIAs	UTSs								
			End of	f Certification						
	740") 101 Rods Dia.< EQUIREMEN Mn .3900	740") 1010 IQ, Clea Rods Dia.<14.0mm (EQUIREMENTS Mm P .3900 .0070 V N .0000 .0075	740") 1010 IQ, Clean/Coat, Clear Rods Dia.<14.0mm (0.551"),Furn EQUIREMENTS Mn P S .3900 .0070 .0080 V N .0000 .0075	740") 1010 IQ, Clean/Coat, Clean/Lime, G Rods Dia.<14.0mm (0.551"),Further Proce Chemical Mn P S Si .3900 .0070 .0080 .2100 V N .0000 .0075 Mechan	N PIQ1010095-04M 740") 1010 IQ, Clean/Coat, Clean/Lime, G&R Cold F Rods Dia.<14.0mm (0.551"),Further Processed,Carb Chemical (value of S Mn P S Si Cu .3900 .0070 .0080 .2100 .1600 V N .0000 .0075 Mechanical - Tag I	PIQ1010095-04M 740") 1010 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 72 Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.609 EQUIREMENTS Chemical (value of 9 = n/a) Mn P S Si Cu Ni .3900 .0070 .0080 .2100 .1600 .0600 V N .0000 .0075 Mechanical - Tag Detail DIAS UTSS	N PIQ1010095-04M 740") 1010 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.91. Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% **CQUIREMENTS** **Chemical (value of 9 = n/a)* **Mn P S Si Cu Ni .3900 .0070 .0080 .2100 .1600 .0600 .08 **V N .0000 .0075** **Mechanical - Tag Detail** **DIAS UTSS**	PIQ1010095-04M 740") 1010 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.91.6000 Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% Chemical (value of 9 = n/a) Mm P S Si Cu Ni Cr Mo .3900 .0070 .0080 .2100 .1600 .0600 .0800 .0220 V N .0000 .0075 Mechanical - Tag Detail	PIQ1010095-04M 740") 1010 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.91.6000 Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% Chemical (value of 9 = n/a) Mn	

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: Gary Allard, QA Manager