

ISO 9001:2008, 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 **083656**

HEAT NUMBER
A11297

SALES ORDER / RLS 053285 / 3 CERT ID / REV 00044240 / 01

SOLD TO

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

CUSTOMER P.C	P.O. CUSTOMER PART 12.00-1018					QUANTITY COILS LADING NO 16,502 lbs 8 00056763			SHIPMENT DATE 04/10/2013	
SPECIFICATION PIQ1018120-20 12.00mm (0.4720") 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%										
CUSTOMER REC	QUIREMEN	TS								
			C	Chemical (value of 9	= n/a)				
C .160	Mn .71	P .011	s .013	si .22	Cu .19	Ni .08	Cr .11	Mo .019	Sn .010	Al .003
В .0001	V .004	N .0074								
				Mechanic	al - Tag D	etail				
		DIAs U	TSs							
67326311A			822							
67326311B			822							
67326312A			622							
67326312B			622							
67326313A 67326313B			470 470							
67326313B			470 144							
67326314B			144							
				End of (Certification					
1										

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