

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 **066249** 

HEAT NUMBER A06188

SALES ORDER / RLS 040732 / 4 CERT ID / REV 00026116 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER PART 12.00-1018			QUAN <b>10,006</b>		OILS LADIN 3 00048		SHIPMENT DATE <b>07/22/2011</b>			
SPECIFICATION PIQ1018120-20M 12.00mm (0.4720") 1018 Mod. 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								
				Chemical	(value of 9	9 = n/a)				
C .1700	Mn .6800	.0140		si .2000	Cu .2400	Ni .0800	Cr .0900	Mo .0310	Sn .0130	A1 .0050
.0000										
				Mechan	ical - Tag I	Detail				
066249-001 066249-002 066249-003		DIAs .470 .469 .473	UTSs 76081 75231 75697							
				End of	f Certification					

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