

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 **070780**

HEAT NUMBER W27032

SALES ORDER / RLS 044022 / 3 CERT ID / REV 00032137 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER PART					QUAN 4,314	_	OILS LADII 2 000		SHIPMENT DATE 02/15/2012	
SPECIFICATION PCH1018143-11 14.30mm (0.5630") 1018 AKCHQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.99.0030 Hot Rolled Rods Dia.>=14.0mm (0.551") but <19.0mm (0.748"), Further Processed or Not										
CUSTOMER REC	QUIREMEN	ITS								
				Chemical	(value of 9	9 = n/a)				
C .1900	Mn .7500	.0040		si .0800	Cu .0400	Ni .0700	Cr .0500	Mo .0040	Sn .0030	Al .0390
.0001	v .0050	.0090								
				Mechan	ical - Tag I	Detail				
648452-10A 648452-10B			UTSs 69428 69428							
				End of	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: Gary Allard, QA Manager