

**RG Steel, LLC**  
 QUALITY & CUSTOMER TECHNICAL SERVICES  
**REPORT OF TEST AND ANALYSIS**

REQ. JOB CONTRACT NO.	PURCHASE ORDER DATE 09/23/11	PURCHASE ORDER NO. 1003018706
VENDOR RG STEEL SPARROWS POINT, LLC SPARROWS POINT PLANT SPARROWS POINT, MARYLAND 21219	SHIPMENT NO. 406-20345	MILL ORDER NO. 99621426
	INVOICE NO. 406-20345	
VEHICLE IDENTIFICATION		DATE SHIPPED 12/28/11

SOLD TO DUFERCO STEEL INC 100 MATAWAN RD - SUITE 400 MATAWAN NJ 07747	SHIP TO DUFERCO STEEL INC C/O PENNWOOD WHARF SPARROWS POINT MD 21219
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THICKNESS    TYPE    WIDTH    LENGTH  
 .0179    A    36.00  
 STEEL CHAR: COLD ROLLED-CLASS 1 COMMERCIAL STEEL LIGHTLY OIL LIGHT MATTE FINISH  
 COILS  
 SPEC CODE : ASTM A1008-LATEST REVISION CS TYPE B MOD SAE J403-LATEST REVISION 1008

NOTES	PIECES	CEV	ACTUAL WEIGHT	COIL/LIFT SERIAL NO.	HEAT NUMBER and/or TEST IDENTIFICATION	YIELD	TENSILE STRENGTH	ELONG		BEND	
								In.	%		
	1		16490	M82247J	412X7021						7480K
	1		15370	M82247K	412X7021						6972K
	1		18830	M82248J	412X7021						8541K
	1		18910	M82248K	412X7021						8578K
	1		18880	M82249J	411X4541						8564K
	1		18930	M82249K	411X4541						8587K
	1		18790	M82250J	411X4541						8523K
	1		19130	M82250K	411X4541						8677K
	1		19080	M82251J	411X4541						8655K
	1		18730	M82251K	411X4541						8496K

MELTED AND MANUFACTURED IN USA

NOTES

HEAT NUMBER	CHEMICAL ANALYSIS											CB			
	C	Mn	P	S	CU	NI	CR	MO	V	TJ					
412X7021	.09	.38	.010	.009	.030	0.01	0.03	.004	.002	.002	.001				
411X4541	.07	.33	.013	.010	.040	0.02	0.03	.006	.003	.002	.001				

I certify that the above results are a true and correct copy of actual results contained in records maintained by RG Steel, LLC at Sparrows Point and are in full compliance with the requirements of the specification cited. This test report cannot be altered and must be transmitted intact with any subsequent third party test reports. If required.	Division Manager Quality Assurance  RICHARD I. HOYT	DATE 12/28/11 16:24 PER	PAGE 1
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