



LIBERTY
Performance
Steels

Firth Cleveland Steel Strip
A Division of Liberty Commodities Limited.

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CUSTOMER NAME AND ADDRESS		DELIVERY ADDRESS		DELIVERY NOTE No.	063028
Hangzhou Simsen Machinery Co Ltd No 80 Qihange Road Renhe Street, Yuhange District 311107 Hangzhou-City Zhejiang Province, China 311107		Hangzhou Simsen Machinery Co Ltd No 60 Qihange Road Renhe Street, Yuhange District 311107 Hangzhou City Zhejiang Province, China 311107		DATE	25/07/18
				CUSTOMER ORDER No.	P020170704
				CUSTOMER PART No.	
				SALES REFERENCE	S 43551 3

SPECIFICATION		JOB No.	CAST No.	WEIGHT	BDS	COILS	SKID	HARDNESS/TENSILE
GRADE	T4CR TEMPER ROLLED STEEL STRIP	48000	A1184W	2806		10		
WIDTH/TOLERANCE	40.10MM +/- .05MM (1.5787" +/- .002")	48138	A0517W	4150		15		
GAUGE/TOLERANCE	1.33MM +/- .030MM (.0523" +/- .0011")	48139	A0150W	8074		29		
SURFACE FINISH	BRIGHT	48140	A1041W	4024		16		
COILS LENGTHS	16"ID 43"OD APPR 406MMI/D X 1000-1150MAX							
EDGES	SE							
TEMPER/HARDNESS	TEMP 340/320							
SPECIFICATION CLOSE GAUGE TOLERANCE				TOTAL	19054	70		

BEND		YIELD				MAX. STRESS				ELONGATION				DECARBURISATION				ITEM COMPLETE				ITEM NOT COMPLETE			
CAST No.	C	Si	Mn	P	S	Ni	Cr	Mo	Al	Cu	V	Sn	W	Co	Liberty Performance				Trident Steel Works						
1184W	.315	.320	.950	.008	.001	.6503	.8701	.250	.056	.000	.320	.000	.000	.000	JB & S Lees & Firth Cleveland				Albion Road,						
0517W	.325	.350	.980	.008	.000	.7203	.9201	.200	.074	.000	.360	.000	.000	.000	West Bromwich, W40 0LE				Tel: +44 (0) 121 553 3031						
0150W	.320	.400	.980	.009	.000	.7403	.9201	.220	.054	.000	.360	.000	.000	.000	Continued ..										
1041W	.310	.290	.950	.009	.002	.6403	.8001	.250	.051	.000	.320	.000	.000	.000											



Liberty Commodities Limited.
Trading as JB & S Lees and Firth Cleveland Steel Strip
Registered office:
Liberty Commodities Ltd. No. 7 Hertford Street, London, W1J 7RH.
Registered in England and Wales. Registration no. 3349135
VAT Registration No. GB 2001000000

RECEIVED AND ACCEPTED IN ACCORDANCE WITH CONDITIONS OF SALE PRINTED OVERLEAF.

CUSTOMER'S SIGNATURE _____ INSPECTED _____
PRINT NAME _____ NOT INSPECTED _____