



MAANSHAN IRON AND STEEL CO., LTD.

CERTIFICATE OF PRODUCT QUALITY

Customer: TEWOO METAL (H.K.) LIMITED

Material description: HOT ROLLED STEEL H-BEAM.

Steel type: ALLOYED, HOT/COLD ROLLED NO ALLOYED, ETC

Specification: ASTM A6/A6M-2009 ASTM A572/A572M-2012

ASTM A992/A992M-2011(B:0.0008%-0.0040%)

QUALITY NO.: QSR8132703406

CONTRACT NO.: 16MGE-B-9-100-1

ADD: NO.8 JIUHUA WEST ROAD, MAANSHAN

CITY, ANHUI PROVINCE, P.R. CHINA

POSTCODE: 243000 TEL: (0555)2877326

QUALITY DEPARTMENT: BILU YU

TEL: (0555)2877321

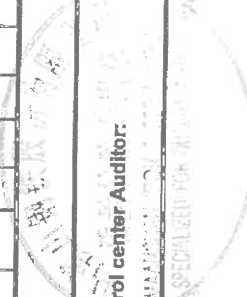
DATE: 2016-7-6

LOT No.	Heat No.	Steel Grade	Size (INCH)	Length (M)	Pieces	Theoretical Weight (MT)	Chemical Composition (%)										Mechanical Properties							
							C	SI	Mn	P	S	Cr	Ni	Cu	V	Mo	Nb	B	CEV	Sn	Yield Strength σ_s (Mpa)	Tensile Strength σ_b (Mpa)	Elongation δ 200 (%)	Yield Ratio
116061503	16402698	MC345B	W24*131	12.192	14	33.278	0.16	0.29	1.22	0.024	0.018	0.02	0.00	0.01	0.047	0.001	0.001	0.0012	0.38	392	537	27.0	0.730	
116061534	16305280	MC345B	W24*84	12.192	23	35.052	0.17	0.28	1.24	0.024	0.016	0.02	0.00	0.01	0.022	0.001	0.002	0.0013	0.39	386	519	24.5	0.740	
TOTAL:					2058	1423.164																		

<NOTE> STEEL GRADE IS BASED ON THIS CERTIFICATE.

Consignor:

Quality Control center Auditor:



SPECIALIZED FOR MAANSHAN IRON AND STEEL CO., LTD.