

2601 S. County Road 700 East  
Columbia City, Indiana 46725  
(260) 625-8100 (260) 625-8950 FAX

Track #746  
Longview TX, 75604 US  
Attn: Receiving

Manhattan KS, 66505 US

**Quality Steel 100% EAF Melted and Manufactured in the USA**  
ISO 9001:2015 and ABS Certified  
CMTR complies with EN 10204 3.1.

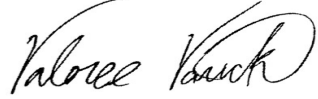
GENERAL INFORMATION	SPECIFICATIONS	SHIPMENT DETAILS																								
<b>Product</b> Wide Flange Beam <b>Size</b> W8X18 W200X26.8 <b>Heat Number</b> A226435 <b>Condition(s)</b> As-Rolled Fine Grained Fully Killed No Weld Repair	<b>Standards</b> ASTM A6/A6M - 21 » ASTM A992/A992M - 20 ASTM A572/A572M - 21 ASTM A709/A709M - 21 AASHTO M270M/M270 - 20 CSA G40.21-13 ASTM A36/A36M - 19 <small>*SDI-MULTI meets the requirements of ASTM A992, A572-50, A709-50, A529-50, A36 and A709-36; AASHTO M270-50 and M270-36; CSA 300W, 345W and 350W.</small>	<b>Grades*</b> A992 / A992M A572 gr50/gr345 A709 gr50/gr345 M270 gr345/gr50 50WM/345WM A36 / A36M																								
		BOL # 0000765666 - 17280.00 lbs <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Bundle / ASN #</th> <th>Length</th> <th>pcs</th> <th>Cust PO</th> <th>Job/Ref</th> <th>Part/Ref</th> </tr> </thead> <tbody> <tr> <td>061849667</td> <td>40' 0"</td> <td>8</td> <td>4500549384</td> <td></td> <td></td> </tr> <tr> <td>061849668</td> <td>40' 0"</td> <td>12</td> <td>4500549384</td> <td></td> <td></td> </tr> <tr> <td>061849665</td> <td>40' 0"</td> <td>4</td> <td>4500549384</td> <td></td> <td></td> </tr> </tbody> </table>	Bundle / ASN #	Length	pcs	Cust PO	Job/Ref	Part/Ref	061849667	40' 0"	8	4500549384			061849668	40' 0"	12	4500549384			061849665	40' 0"	4	4500549384		
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**CHEMICAL ANALYSIS** (weight percent)

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb/Cb	Al	N	B	*CE1	*CE2	*CE3	*I	Analysis Type
.08	1.03	.014	.021	.20	.32	.09	.11	.02	.011	.021	<.001	.003	.0145	.0002	.31	.343	.27	5.70	Heat

MECHANICAL TESTING					CHARPY IMPACT TESTS (available only when specified at time of order)						
Test	Yield (fy) Strength	Tensile (fu) Strength	fy / fu ratio	% Elong. {8" gage}	Test	Temp	Absorbed Energy			Average	Minimum
	ksi / MPa	ksi / MPa				F / C	Specimen 1	Specimen 2	Specimen 3		
1	60 / 415	76 / 525	.80	23	1						
2	60 / 415	75 / 515	.80	24	2						
3					3						
4					4						
					5						
					6						
					7						

**Notes:** \*Calculated Chemistry Values: Carbon Equivalents (C1, C2, C3, PC), Corrosion Index (I) {ASTM G101}= 26.01(Cu)+3.88(Ni)+1.20(Cr)+1.49(Si)+17.29(P)-7.29(Cu)(Ni)-9.10(Ni)(P)-33.39(Cu²)  
 CE1 {IIV}=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15 CE2 {AWS}=C+(Mn+Si)/6+(Cr+Mo+V)/5+(Ni+Cu)/15 CE3 {CET}= C + (Mn/6) + (Si/24) + (Cr/5) + (Ni/40) +(Mo/4) + (V/14)

<p>I hereby certify that the material described herein has been made to the applicable specification by the electric arc furnace/continuous cast process and tested in accordance with the requirements of American Bureau of Shipping Rules with satisfactory results.</p> <p style="text-align: center;">Signed: </p>	<p><b>ABS CERTIFICATION</b></p> <p>State of Indiana, County of Whitley Sworn to and subscribed before me</p> <p>this _____ day of _____</p> <p>Signed: _____ My commission expires: _____</p> <p style="text-align: center;">Notary Public</p>
<p>I hereby certify that the content of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated requirements.</p> <p>Signed: <b>Valoree Varick</b> Quality Manager</p>	

ASTM A6 - 14.6: A signature is not required on the test report; however, the document shall clearly identify the organization submitting the report.  
 Notwithstanding the absence of a signature, the organization submitting the report is responsible for the content of the report