

## Certificate of Compliance

<b>Sold To:</b> TARGET customers	<b>Your PO #:</b> Nashua dec 5-6 gunsh	<b>Our Shop Order #:</b> 260787	<b>Date:</b> 10/29/15
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### Certificate of Chemical Analysis and Physical Properties

MATERIAL	DESCRIPTION	HEAT NUMBER
AR 500	AR 500 1/2" THK PLT	660200

#### Chemical Analysis

C	MN	SI	P	S	B-G	CR	NI	MO	CU	CO	W
.250	.830	.630	.013	.0006	.0022	.810		.150			
N	FE	AL	CA	AS	TA	NB	B	PB	TI	CB-TA	OTHER

#### Physical Properties

Yield Point KSI	Tensile Strength KSI	Elongation / % in 2%	Reduction Area / %	Macro	Grain Size	Hardness	HT Condition	Impacts Charpy/Bend
						495 HB		

#### Remarks

AR 500 1/2" THK PLT

**ALL MATERIALS SUPPLIED ON THIS ORDER ARE FREE FROM CONTAMINATION BY MERCURY**

ALLIANT METALS, INC., Quality Department Personnel

  
\_\_\_\_\_

AUTHORIZED SIGNATURE

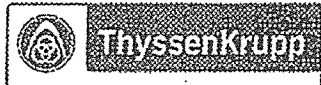
ANDREA MCCARTHY

This is to certify that the values shown are correct and true and that the material complies with the requirements of the specifications shown.

\*\* The recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a felony under federal Statute; including

Federal Law, Title 18, Chapter 47

18224



ThyssenKrupp Steel Europe


Werk-Nr. Works-No. No de usine	A08 3755099	Zaugs-Nr. Certificate-No. No de certificat	A03 1618614001	Sendungs-Nr. Shipment-No. No de envoi	44340642	Seite-Nr. Page-No. Page-No	1																																																																																																																												
ThyssenKrupp Steel Europe AG · 47161 Duisburg			A01	BESCHEINIGUNG ÜBER MATERIALPRÜFUNGEN DOCUMENT ON MATERIAL TESTS DOCUMENT DE CONTROL DES MATERIAUX		EN 10204 EN 10204 EN 10204																																																																																																																													
A06 THYSSENKRUPP STEEL NORTH AMERICA  22355 WEST ELEVEN MILE RO US 48033 SOUTHFIELD, MI			A02 INSPECTION CERTIFICATE 3.1																																																																																																																																
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Kernzeichnung: MATERIAL, HEAT-NO., MANUFACTURING/SAMPLE-NO. Marking: Marque: B06				Zeichen des Lieferwerkes: Supplier's mark: Marque d'usine: ThyssenKrupp Steel																																																																																																																															
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ThyssenKrupp Steel Europe AG

Abnahme

-FOLGESEITE-

Works-Nr. Works-No. No de usine	<b>AG8</b> <b>3755099</b>	Zaugs-Nr. Certificate-No. No de certificat	<b>A03</b> <b>1618614001</b>	Sandungs-Nr. Shipment-No. No de envoi	<b>44340642</b>	Seite-Nr. Page-No. Page-No	<b>2</b>
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ITEM	B07 BUNDLE	B07 PLATE-NO.	B07 HEAT-NO.	B08 NUMBER PIECES	B13 WEIGHT
				* 16	21.673
014	12,7 x 2438,4 x 7315 [mm] 0,5 x 96 x 288 [20LL]				
		37508101	660200	1	1.832
		37508102	660200	1	1.832
		37512101	660200	1	1.801
		37512203	660200	1	1.801
		37513101	660200	1	1.801
		37513204	660200	1	1.797
		37517101	660200	1	1.801
		37517102	660200	1	1.801
		37517203	660200	1	1.797
		37517204	660200	1	1.795
		37517305	660200	1	1.797
				* 11	19.855
				** 35	48.803
TRANSPORT-NO. JIN HAO					
CHEMICAL COMPOSITION OF THE LADLE SAMPLES % C71-C99					
B07					
HEAT NO. C SI MN P S B-G CR MO					
618793 ,240 ,620 ,800 ,013 ,0007 ,0019 ,830 ,160					
618794 ,250 ,630 ,840 ,011 ,0004 ,0024 ,840 ,160					
618873 ,250 ,640 ,830 ,015 ,0011 ,0027 ,830 ,160					
660200 ,250 ,630 ,830 ,013 ,0006 ,0022 ,810 ,150					
C70 HEAT PROCESS OXYGEN STEEL					
B07					
HEAT NO. AVERAGE OF HEAT					
618793 489 HB					
618794 496 HB					
618873 496 HB					
660200 495 HB					
STATUS PRODUCT					
012-014	HARDENED				
202 ABNAHMEBEAUFTRAGTER DES HERSTELLERS THE MANUFACTURER'S AUTHORIZED INSPECTION REPRESENTATIVE LE REPRÉSENTANT AUTORISÉ DU CONTRÔLEUR DU PRODUCTEUR					
 203 Prof. Dr.-Ing. Kern					

ThyssenKrupp Steel Europe AG

Abnahme

Es wird bestätigt, dass die Lieferung den Vereinbarungen bei der Bestellung entspricht.  
We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.  
Nous attestons que les produits livrés sont conformes aux stipulations de la commande.

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