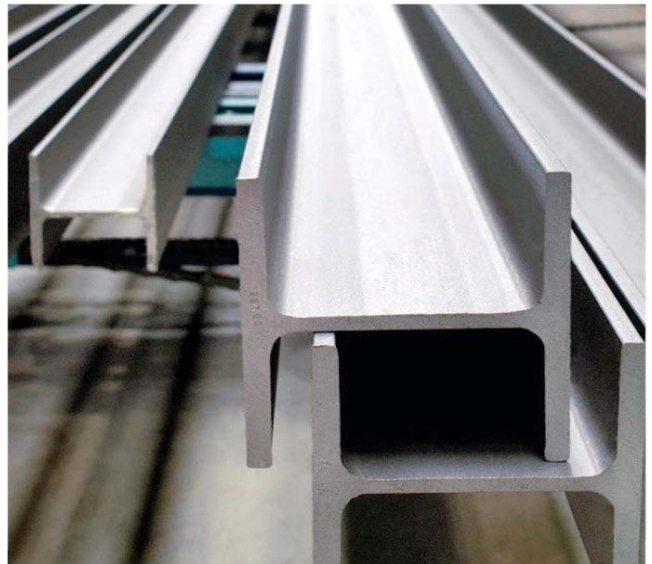


ArcelorMittal Hunedoara
Long Steel Products

Catalogue 2016



ArcelorMittal Hunedoara

Our Group

ArcelorMittal is the world's leading company, with operations in more than 60 countries. With an industrial presence in over 20 countries spanning four continents, the Company covers all of the key steel markets. ArcelorMittal is the leader in all major global steel markets, including automotive, construction, household appliances and packaging, with leading R&D and technology. As well a sizable captive supplies of raw materials and out standing distribution networks.

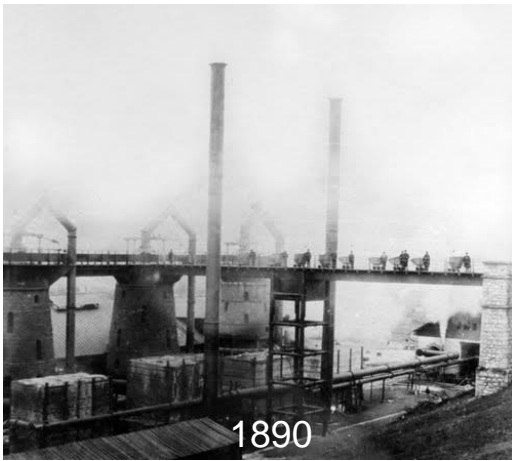
Our Values

Through its core values of Sustainability, Quality and Leadership. ArcelorMittal commits to operating in a responsible way with respect to the health, safety and wellbeing of its employees, contractors and the communities in which it operates.

It also committed to the sustainable management of the environment and of finite resources. ArcelorMittal is committed to maintaining best standard practice across our operations.

ArcelorMittal Hunedoara

ArcelorMittal Hunedoara is producing steel since 1884.



ArcelorMittal Hunedoara's Long Steel Products

PRODUCT	DIMENSIONS		STEEL GRADE	TECHNICAL DELIVERY CONDITIONS	DIMENSIONS and TOLERANCES on SHAPE and DIMENSIONS									
	NOMINAL SIZE (mm)	LENGTH (mm)												
Hot rolled European wide flange H sections	HE100 A	6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	EU 53/62 DIN 1025-3/1994 SR EN 10034/1995									
	HE120 A													
	HE140 A													
	HE160 A													
	HE180 A													
	HE200 A													
	HE100 B				6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	EU 53/62 DIN 1025-2/1995 SR EN 10034/1995						
	HE120 B													
	HE140 B													
	HE160 B													
	HE180 B													
	HE200 B													
	HE100 M							6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	EU 53/62 DIN 1025-4/1994 SR EN 10034/1995			
	HE120 M													
	HE140 M													
	HE160 M													
HE180 M														
HE200 M														
HE100 AA	6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	AM Standard SR EN 10034/1995										
Hot rolled European I sections				IPE100							6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	EU 19/57 DIN 1025-5/1994 SR EN 10034/1995
				IPE120										
				IPE140										
				IPE160										
				IPE180										
				IPE200										
				IPE220	6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004							AM Standard SR EN 10034/1995
				IPE240										
				IPE270										
				IPE300										
				IPEA120										
				IPEA140										
				IPEA160				6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004				AM Standard SR EN 10034/1995
				IPEA180										
				IPEA200										
	IPEA220													
IPEA240														
IPEA270														
Hot rolled taper flange I sections	IPN120	6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004							DIN 1025-1/2009 SR EN 10024/1998			
	IPN140													
	IPN160													
	IPN180													
	IPN200													
	IPN220													
	IPN240													
IPN260														

ArcelorMittal Hunedoara's Long Steel Products

PRODUCT	DIMENSIONS		STEEL GRADE	TECHNICAL DELIVERY CONDITIONS	DIMENSIONS and TOLERANCES on SHAPE and DIMENSIONS
	NOMINAL SIZE (mm)	LENGTH (mm)			
Continuously cast round billets	RT180	3800 ÷ 7450	35M; 20Mn10; G52S(N); T70S; T81S; P11; P12; P22; 16Mo3	ST-IP-01 REV.5/2015	ST-IP-01 REV.5/2015
	RT200				
	RT250				
	RT270				
	RT310				
Hot rolled round billets	RT130	6000 ÷ 11000	35M; 20Mn10; G52S(N); T70S; T81S; P11; P12; P22; 16Mo3	ST-IP-01 REV.5/2015	ST-IP-01 REV.5/2015
	RT150				
Hot rolled round steel bars for general purposes	R90	6000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	SR EN 10060:2004
	R100				
	R110				
	R120				
	R130				
	R140				
	R150				
Hot rolled steel channels with parallel flanges	UPE100	6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	DIN 1026-2/2002 SR EN 10279:2002
	UPE120				
	UPE140				
	UPE160				
	UPE180				
	UPE200				
	UPE220				
	UPE240				
	UPE270				
Hot rolled steel standard channels	UPN100	6000-18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025-2:2004	DIN 1026-1/2009 SR EN 10279/2002
	UPN120				
	UPN140				
	UPN160				
	UPN180				
	UPN200				
	UPN220				
	UPN240				
	UPN260				
Mining section	TH70/21	6000÷12000	31Mn4	DIN 21530-2:2003	DIN 21530-2:2003

Angels	L150x150x10	6000 ÷18000	S235JR; S235JO; S235J2; S275JR; S275JO; S275J2; S355JR; S355JO; S355J2	SR EN 10025- 2/2004	SR EN 10056-1:2000
	L150x150x11				AM Standard
	L150x150x12				DIN 1028/1994
	L150x150x13				SR EN 10056-1:2000
	L150x150x14				STAS 424:1991
	L150x150x15				AM Standard
	L150x150x16				STAS 424:1991
	L150x150x18				SR EN 10056-1:2000
	L150x150x20				STAS 424:1991
	L160x160x12				SR EN 10056-1:2000
	L160x160x14				STAS 424:1991
	L160x160x15				SR EN 10056-1:2000
	L160x160x16				STAS 424:1991
	L160x160x17				DIN 1028/1994
	L160x160x18				STAS 424:1991
	L160x160x19				AM Standard
	L180x180x13				SR EN 10056-1:2000
	L180x180x14				AM Standard
	L180x180x15				SR EN 10056-1:2000
	L180x180x16				AM Standard
	L180x180x17				SR EN 10056-1:2000
	L180x180x18				AM Standard
	L180x180x20				AM Standard
	L200x200x13				SR EN 10056-1:2000
	L200x200x14				AM Standard
	L200x200x15				SR EN 10056-1:2000
	L200x200x16				AM Standard
	L200x200x17				SR EN 10056-1:2000
	L200x200x18				AM Standard
	L200x200x19				SR EN 10056-1:2000
L200x200x20	AM Standard				
L200x200x21	SR EN 10056-1:2000				
L200x200x22	AM Standard				

	L200x200x24			SR EN 10056-1:2000
	L200x200x25			AM Standard
	L200x200x26			
	L200x200x27			



ArcelorMittal

ArcelorMittal Hunedoara's ISO Certificates

QUALITAS accredited for CERTIFICATION

CERTIFICATION BODY SR EN ISO/CEI 17021:2011 ACREDITATION CERTIFICATE No. SM 014/2012
20 Spataru Preda str., BUCHAREST, ROMANIA

CERTIFICATE
No. QC/1065

It is granted to:

ARCELORMITTAL HUNEDOARA S.A.
Headquarters: HUNEDOARA, DJ 687, no. 4, HUNEDOARA county, with the locations foreseen in the ANNEXE

CERTIFICATION OF QUALITY MANAGEMENT SYSTEM
which is in accordance with **SR EN ISO 9001:2008/ed.4**
for the activity:

- FERROUS METAL PRODUCTION AS RAW MATERIALS AND INTERMEDIATES;
- SERVICES FOR MATERIAL RAILWAY TRANSPORTS AND LOCOMOTIVE PLANNED REVISIONS AND CASUAL REPAIRS;
- SERVICES FOR RAILWAY EARTHWORK USAGE.

This certificate is available only accompanied by the ANNEXE (1 page), as part of those.

QUALITAS PRESIDENT
dipl. eng. OCTAVIAN RUSU

BUCHAREST

FIRST CERTIFICATION DATE: 10.03.2006
CURRENT CERTIFICATION DATE: 05.03.2015
DATE OF AMENDMENT:
VALIDITY OF CERTIFICATE: 05.03.2018

The present certificate validity is conditioned by surveillance at 6 and 18 months and at 30 months by recertification or additional surveillance.
Number of audit reports/date of audit closing meeting: 1790 - 1/19.02.2015

QUALITAS Notified body no. 1823 accredited for CERTIFICATION

ORGANISM DE CERTIFICARE SR EN ISO/CEI 17021:2011 ACREDITATION CERTIFICATE No. SM 014/2012
ROMANIA, BUCHAREST, Spataru Preda street no.20, sector 5

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL
No. 1823-CPR-0001

In compliance with Regulation (CE) 2004/182 of the European Parliament and of the Council of 6 March 2004 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

HOTT ROLLED PRODUCTS OF STRUCTURAL STEELS
with designation types, essential characteristics and the intended use mentioned in Appendices 1, 9
produced by or for:

ARCELORMITTAL HUNEDOARA S.A.
ROMANIA, town Hunedoara - DJ 687 no. 4, HUNEDOARA county and produced in the manufacturing plant:

ARCELORMITTAL HUNEDOARA S.A.
ROMANIA, town Hunedoara - DJ 687 no. 4, HUNEDOARA county

This certificate attests that all products concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:
EN 10025-1:2004
under system 2+ are applied and that:

the factory production control fulfils all the prescribed requirements set out above.
This certificate was first issued on 10 September 2013 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product and the manufacturing conditions in the plant are not modified significantly.

QUALITAS PRESIDENT
Dipl. Eng. OCTAVIAN RUSU

BUCHAREST

DATE OF MODIFICATION: 24 July 2015
This certificate is accompanied by 19 Appendices (19 pages), which are part of it.
This certificate replaces the Certificate of conformity of the factory production control, previously issued with the No. 1823-CPR-0001 on 12 January 2015, in accordance with the Certificate text (with its Appendix 1-9).

QUALITAS accredited for CERTIFICATION

CERTIFICATION BODY SR EN ISO/CEI 17021:2011 ACREDITATION CERTIFICATE No. SM 014/2012
20 Spataru Preda str., BUCHAREST, ROMANIA

CERTIFICATE
No. QM/1023

It is granted to:

ARCELORMITTAL HUNEDOARA S.A.
Headquarters: HUNEDOARA, DJ 687 no. 4, HUNEDOARA county, with the locations foreseen in the ANNEXE

CERTIFICATION OF ENVIRONMENT MANAGEMENT SYSTEM
which is in accordance with **SR EN ISO 14001:2005/ed.2**
for the activity:

- FERROUS METAL PRODUCTION AS RAW MATERIALS AND INTERMEDIATES;
- SERVICES FOR MATERIAL RAILWAY TRANSPORTS AND LOCOMOTIVE PLANNED REVISIONS AND CASUAL REPAIRS;
- SERVICES FOR RAILWAY EARTHWORK USAGE.

This certificate is available only accompanied by the ANNEXE (1 page), as part of those.

QUALITAS PRESIDENT
dipl. eng. OCTAVIAN RUSU

BUCHAREST

FIRST CERTIFICATION DATE: 06.04.2009
CURRENT CERTIFICATION DATE: 05.03.2015
DATE OF AMENDMENT:
VALIDITY OF CERTIFICATE: 05.03.2018

The present certificate validity is conditioned by surveillance at 6 and 18 months and at 30 months by recertification or additional surveillance.
Number of audit reports/date of audit closing meeting: 1788 - 1/19.02.2015

QUALITAS accredited for CERTIFICATION

CERTIFICATION BODY SR EN ISO/CEI 17021:2011 ACREDITATION CERTIFICATE No. SM 014/2012
20 Spataru Preda str., BUCHAREST, ROMANIA

CERTIFICATE
No. QS/12

It is granted to:

ARCELORMITTAL HUNEDOARA S.A.
Headquarters: HUNEDOARA, DJ 687 no. 4, Hunedoara county, with the locations foreseen in the ANNEXE

CERTIFICATION OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM
which is in accordance with **SR OHSAS 18001:2008**
for the activity:

- FERROUS METAL PRODUCTION AS RAW MATERIALS AND INTERMEDIATES;
- SERVICES FOR MATERIAL RAILWAY TRANSPORTS AND LOCOMOTIVE PLANNED REVISIONS AND CASUAL REPAIRS;
- SERVICES FOR RAILWAY EARTHWORK USAGE.

This certificate is available only accompanied by the ANNEXE (1 page), as part of those.

QUALITAS PRESIDENT
dipl. eng. OCTAVIAN RUSU

BUCHAREST

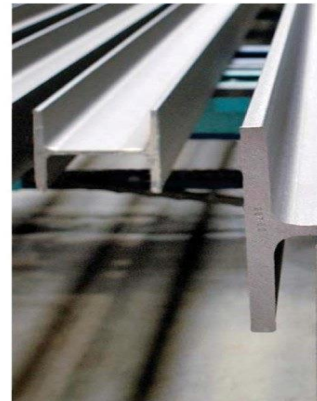
FIRST CERTIFICATION DATE: 28.02.2008
CURRENT CERTIFICATION DATE: 21.02.2014
DATE OF AMENDMENT:
VALIDITY OF CERTIFICATE: 21.02.2017

The present certificate validity is conditioned by surveillance at 6 and 18 months and at 30 months by recertification or additional surveillance.
Number of audit reports/date of audit closing meeting: 1402 - 1/20.11.2013

Contact Details

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