


<b>A01</b>  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	<b>A02</b> CERTIFICATE INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	<b>A03</b> 160763403 P. 01/02	<b>A09</b> DISPATCH NOTE 0882949 DATE 13-05-2016	<b>A06.1</b> CUSTOMER OY ALUSTEEL AB TELAKKATIE 4 FIN-23500 UUSIKAUPUNKI FINLAND 0740911
	<b>A05</b> AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	<b>A08</b> ORDER NUMBER 36155 DATE	<b>A07</b> YOUR ORDER NO 34964 DATE 17-03-2016	<b>A06.2</b> DESTINATION OY ALUSTEEL AB HEPOKARINTIE 9 FIN-23500 UUSIKAUPUNKI FINLAND 074098
		CONTRACT NO FH6EALU005	YOUR REFERENCES	
		OUR REFERENCES OBC-IN/DLIN		

BO1-BO4 MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = AM FCE  
 QUALITY ORDER ITEM 06 08 - S235JR-CL1 ORDER ITEM 12 04 - AMSTRONG355MC

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM
06	1.250	3,00
08	1.500	3,00
12	1.500	4,00
04	1.500	8,00


CHEMICAL ANALYSIS  
 C70 STEELMAKING PROCESS: LD

BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82	C83	C84	C85
					C	Mn	Si	P	S	N	Al <sub>t</sub>	Ti	Cr	Ni	Cu	Nb	B	V	Mo
					10 <sup>-3</sup> %	10 <sup>-2</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-4</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-4</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %
06	863432351 1	21740 21740	59824286	82587	80	36	12	7	10	47	31	1	22	24	37	0	1	1	4
08	863436407 1	17800 17800	59902131	82541	76	37	20	20	10	32	30	3	29	22	34	0	1	2	3
12	863438285 863438292 863438297 3	18280 18320 18310 54910	59939212 59939236 59939229	82632 82635 82635	76 73 73	51 51 51	9 8 9	16 14 14	5 5 5	31 28 26	30 36 37	1 1 1	21 21 21	15 15 15	8 8 8	26 27 27	1 1 1	0 1 1	1 1 1
04	863444603 863444653 2	21030 21120 42150	60019581 60019598	82400 82400	69 69	52 52	7 7	13 13	6 6	34 34	37 37	1 1	27 27	17 17	11 11	26 26	1 1	0 0	3 3
	7	136600																	

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)													
		CO4	CO2	C11 YIELD R <sub>p0.2</sub> MPa	C12 STRENGTH R <sub>m</sub> MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS D <sub>IKC</sub> mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J						
06	863432351 1	F	D	305	411	37													

CO4 CONDITION OF THE SPECIMEN V:AGED F:NON-AGED N:NORMALISED  
 CO2 DIRECTION SPECIMEN L:OGR S:45GR D:9OGR

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	A05 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	A08 ORDER NUMBER 36155 DATE	A07 YOUR ORDER NO 34964 DATE 17-03-2016	A06.2 DESTINATION OY ALUSTEEL AB HEPOKARINTIE 9 FIN-23500 UUSIKAUPUNKI FINLAND 074098
		CONTRACT NO FH6EALU005	YOUR REFERENCES	
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 QUALITY ORDER ITEM 06 08 - S235JR-CL1 ORDER ITEM 12 04 - AMSTRONG355MC

MECHANICAL PROPERTIES													
BO9 ITEM	PACK NR	TENSILE TEST						C40 IMPACT (CHARPY V)					
		CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiK mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	863436407 1	F	D	305	408	41							
12	863438285 863438292 863438297 3	F	L	384 372 378	497 486 488	33 34 33							
04	863444603 863444653 2	F	L	373 380	478 483	33 33	L L	-40 -40	8,00 8,00	203 203	203 203	191 202	199 203

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.



GENT 13-05-2016

R. SLOCK  
QUALITY DEPARTMENT



Z01

CO4 CONDITION OF THE SPECIMEN V:AGED F:NON-AGED N:NORMALISED	CO2 DIRECTION SPECIMEN L:OGR S:45GR D:9OGR
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		DATE 13-05-2016	
		ORDER NUMBER 36155	DESTINATION OY ALUSTEEL AB HEPOKARINTIE 9 FIN-23500 UUSIKAUPUNKI FINLAND 074098
		DATE	
		YOUR ORDER NO 34964	
		DATE 17-03-2016	
CONTRACT NO FH6EALU005			
YOUR REFERENCES			
OUR REFERENCES OBC-IN/DLIN			

NUMMER DOP HR00006_CPR2013-07-01_FC_V006 NUMBER DOP <a href="http://dop.arcelormittal.net/pdf/HR00006_CPR2013-07-01_FC_V006_FI_FI.pdf">http://dop.arcelormittal.net/pdf/HR00006_CPR2013-07-01_FC_V006_FI_FI.pdf</a>		JAAR YEAR 13	TECHNISCHE SPECIFICATIE TECHNICAL SPECIFICATION AMSTRONG355MC AFCS
PAKNUMMER COILNUMBER	POST ITEM	EN 10025-1 WARMGEWALST CONSTRUCTIE STAAL VOORZIEN OM TE GEBRUIKEN IN GELASTE, GEBOUTE OF MET KLINKNAGELS VERBONDEN CONSTRUCTIES	EN 10025-1 HOT ROLLED STRUCTURAL STEEL PRODUCTS INTENDED TO BE USED IN WELDED, BOLTED AND RIVETED STRUCTURES
863432351 863436407	06 08	TOLERANTIES OP DIMENSIES EN VORM: VOLGENS EN 10051  VERLENGING TREKSTERKTE VLOEIGRENS KERFSLAGWAARDE LASBAARHEID DUURZAAMHEID  STAAL UITGEDRUKT ZOALS VERMELD IN DE DOP	TOLERANCES ON DIMENSIONS AND SHAPE: CONFORM TO EN 10051  ELONGATION TENSILE STRENGTH YIELD STRENGTH IMPACT STRENGTH WELDABILITY DURABILITY  STEEL EXPRESSED AS INDICATED IN THE DOP