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**ORIGINAL**

Type Inspection Certificate 3.1 EN 10204  
Number 10418399423  
Issued On 25/06/2018

Customer  
DUFERCO SA  
VIA BAGUTTI 9  
6900 LUGANO CH

Consignee  
PORT OF ALTAMIRA  
28003 ALTAMIRA MX

Delivery Nn	8504802639	Quality Control	Pages 6/8
Of	25/06/2018	Q.M.D. M. Manaresi	
Delivery note nr	1004029344	Plant Of Ravenna	

Identification Nr	Quantity	Heat	C (%)	Mn (%)	P (%)	S (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Ti (%)	Rm [N/mm]	Re [N/mm]	A (%)
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**CF CF 2.66X1219.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/160 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#2**

18RC023583	8906 KG	820729	.050	.216	.012	.014	.010	.010	.010	.0000	.000	.000	.0000	334.7	202.5	35.3
18RC023619	8424 KG	820729	.050	.216	.012	.014	.010	.010	.010	.0000	.000	.000	.0000	334.7	202.5	35.3
18RC023632	8936 KG	820729	.050	.216	.012	.014	.010	.010	.010	.0000	.000	.000	.0000	334.7	202.5	35.3

**CF CF 2.28X1219.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/170 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#2**

18RC022038	10482 KG	856810	.043	.314	.012	.011	.026	.014	.021	.0018	.001	.001	.0015	308.5	215.1	41.6
18RC022053	9850 KG	856791	.045	.336	.015	.011	.022	.017	.024	.0004	.001	.001	.0010	317.3	226.4	40.1

**CF CF 1.52X 914.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/200 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#2**

18RC024027	10352 KG	831688	.038	.199	.018	.012	.010	.010	.010	.0000	.000	.000	.0000	323.3	174.5	37.8
18RC024033	9809 KG	821167	.046	.224	.011	.016	.010	.010	.010	.0000	.000	.000	.0000	332.3	200.3	35.7

**CF CF 1.52X1219.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/210 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#2**

18RB075017	10000 KG	856818	.043	.307	.016	.010	.020	.018	.021	.0050	.000	.001	.0011	340.4	220.0	34.6
18RB075099	10492 KG	856824	.043	.324	.013	.015	.020	.015	.022	.0013	.001	.000	.0018	326.9	236.7	39.4
18RB075102	10592 KG	856787	.044	.327	.012	.011	.028	.015	.022	.0037	.001	.001	.0009	317.2	221.7	38.4
18RB075104	10150 KG	856787	.044	.327	.012	.011	.028	.015	.022	.0037	.001	.001	.0009	317.2	221.7	38.4

Remarks:  
Tensile test in longitudinal direction  
Document validated acc. EN10204 par. 5

Michele Manaresi  
Quality Manager  
  
**MARCEGAGLIA**  
CARBON STEEL

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