



Sede Legale e amministrativa:  
via Bresciani 16  
46040 Gazzoldo degli Ippoliti  
Mantova-Italy  
Tel. +39 - 0376 685 1  
Fax. +39 - 0376 685 600  
www.marcegaglia.com

ORIGINAL

Type Inspection Certificate 3.1 EN 10204  
Number 10418408255  
Issued On 28/06/2018

Customer  
DUFERCO SA  
VIA BAGUTTI 9  
6900 LUGANO CH

Consignee  
PORT OF ALTAMIRA  
28003 ALTAMIRA MX

Delivery Nn 8504802697  
Or 28/06/2018  
Delivery note nr 1004030101  
Quality Control G.M.D. M.Manaresi  
Plant Of Ravenna  
Pages 1/9

| Identification Nr | Quantity | Heat | C (%) | Mn (%) | P (%) | S (%) | Cu (%) | Ni (%) | Cr (%) | Mo (%) | V (%) | Nb (%) | Ti (%) | Rm [N/mm] | Re [N/mm] | A (%) |
|-------------------|----------|------|-------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|-----------|-----------|-------|
|-------------------|----------|------|-------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|-----------|-----------|-------|

CF CF 2.66X 914.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/10 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#1

|            |         |        |      |      |      |      |      |      |      |       |      |      |       |       |       |      |
|------------|---------|--------|------|------|------|------|------|------|------|-------|------|------|-------|-------|-------|------|
| 18RB070194 | 7470 KG | 732466 | .044 | .334 | .015 | .012 | .017 | .015 | .024 | .0048 | .001 | .001 | .0018 | 338.6 | 216.2 | 34.7 |
|------------|---------|--------|------|------|------|------|------|------|------|-------|------|------|-------|-------|-------|------|

CF CF 2.66X1219.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/20 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#1

|            |          |        |      |      |      |      |      |      |       |       |      |       |       |       |       |      |
|------------|----------|--------|------|------|------|------|------|------|-------|-------|------|-------|-------|-------|-------|------|
| 18RB072693 | 10492 KG | 856838 | .044 | .332 | .017 | .009 | .018 | .017 | .024  | .0052 | .001 | .001  | .0008 | 336.1 | 209.3 | 35.4 |
| 18RB072698 | 10100 KG | 856838 | .044 | .332 | .017 | .009 | .018 | .017 | .024  | .0052 | .001 | .001  | .0008 | 336.1 | 209.3 | 35.4 |
| 18RB076302 | 8665 KG  | 831704 | .039 | .206 | .017 | .011 | .010 | .010 | .0000 | .000  | .000 | .0000 | 329.0 | 190.8 | 36.2  |      |
| 18RB076303 | 9458 KG  | 856868 | .044 | .331 | .013 | .008 | .019 | .015 | .023  | .0003 | .001 | .001  | .0006 | 338.3 | 212.3 | 35.0 |
| 18RB076304 | 8865 KG  | 856868 | .044 | .331 | .013 | .008 | .019 | .015 | .023  | .0003 | .001 | .001  | .0006 | 338.3 | 212.3 | 35.0 |

CF CF 1.90X 914.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/40 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#1

|            |         |        |      |      |      |      |      |      |      |       |      |      |       |       |       |      |
|------------|---------|--------|------|------|------|------|------|------|------|-------|------|------|-------|-------|-------|------|
| 18RB071064 | 8263 KG | 856856 | .035 | .205 | .012 | .006 | .022 | .011 | .011 | .0003 | .000 | .001 | .0009 | 323.3 | 173.8 | 37.4 |
| 18RB071065 | 7731 KG | 856856 | .035 | .205 | .012 | .006 | .022 | .011 | .011 | .0003 | .000 | .001 | .0009 | 323.3 | 173.8 | 37.4 |
| 18RB074789 | 9066 KG | 856657 | .045 | .345 | .010 | .008 | .017 | .010 | .025 | .0034 | .001 | .001 | .0010 | 312.8 | 226.9 | 37.0 |
| 18RB074791 | 8273 KG | 856657 | .045 | .345 | .010 | .008 | .017 | .010 | .025 | .0034 | .001 | .001 | .0010 | 312.8 | 226.9 | 37.0 |

CF CF 1.90X1219.00 CS-TYPE-B MA RM 0.6+1.8 μ ASTM-A1008 1181044863/50 5/2018/JUNE/ALTAMIRA/LOT#1#2 Date 12/04/2018 prod.nr. 5/2018/JUNE/ALTAMIRA/LOT#1

|            |          |        |      |      |      |      |      |      |      |       |      |      |       |       |       |      |
|------------|----------|--------|------|------|------|------|------|------|------|-------|------|------|-------|-------|-------|------|
| 18RB072770 | 10492 KG | 856831 | .041 | .294 | .013 | .006 | .024 | .012 | .019 | .0017 | .000 | .001 | .0009 | 313.3 | 221.1 | 40.2 |
|------------|----------|--------|------|------|------|------|------|------|------|-------|------|------|-------|-------|-------|------|

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

Michele Manaresi  
Quality Manager  
  
MARCEGAGLIA  
CARBON STEEL  
RAMPAROLIANT  
Via Solero, 141 - 41022 Ravenna, FA, Italy  
Telefono: +39 0544 316622 e mobile +39 339 3047901 e fax +39 0544 311965  
michela.manaresi@marcegaglia.com - www.marcegaglia.com