



|     |   |     |  |     |                    |       |                   |   |                |  |
|-----|---|-----|--|-----|--------------------|-------|-------------------|---|----------------|--|
| AO1 | <br><b>ArcelorMittal</b><br><b>ArcelorMittal Belgium NV</b><br><b>ArcelorMittal Gent</b><br>John Kennedylaan, 51<br>9042 Gent (België)<br>Tel.: +32 9.347.31.11<br>Fax: +32 9.347.49.07 | AO2 | CERTIFICATE<br>-----<br>INSPECTION CERTIFICATE ACCORDING EN10204-3.1<br>OR EQUIVALENT. | AO3 | 151517733 P. 01/05 | AO9   | DISPATCH NOTE     | 0736623   | AO6.1 CUSTOMER | OY ALUSTEEL AB<br>TELAKKATIE 4<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND<br>0740911 |
|     |   | AO5 | AUTHOR OF THE DOCUMENT<br>AM GENT/ QUALITY DEPARTMENT                                  | AO7 | YOUR ORDER NO      | 32995 | AO6.2 DESTINATION | OY ALUSTEEL AB<br>HEPOKARINTIE 9<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND<br>074098 |                |  |
|     |   | AO4 | CONDITION OF THE SPECIMEN<br>V:AGED F:NON-AGED N:NORMALISED                            | AO8 | ORDER NUMBER       | 36060 | YOUR REFERENCES   | OBC-IN/DLIN   |                |  |

BO1=BO4 MATERIAL - HOT ROLLED STEEL COILS, PICKLED, STANDARD = AM FCE  
 QUALITY ORDER ITEM 03, 05, 07, 09, 19, 23, 25 - AMSTRONG355MC ORDER ITEM 11, 13, 15, 17, 21 - S235JR-CL1

| BO9 ITEM | B10   | B11  | THICKNESS |
|----------|-------|------|-----------|
|          | MM    | MM   | MM        |
| 04       | 1.500 | 6.00 |           |
| 06       | 1.500 | 5.00 |           |
| 08       | 1.500 | 4.00 |           |
| 10       | 1.500 | 3.00 |           |
| 12       | 1.500 | 5.00 |           |
| 14       | 1.500 | 3.00 |           |
| 16       | 1.500 | 4.00 |           |
| 18       | 1.500 | 6.00 |           |
| 20       | 1.250 | 4.00 |           |
| 22       | 1.250 | 4.00 |           |
| 24       | 1.250 | 5.00 |           |
| 02       | 1.500 | 8.00 |           |


| CHEMICAL ANALYSIS           |           |                  |             |             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|-----------------------------|-----------|------------------|-------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| C70 STEELMAKING PROCESS: LD |           |                  |             |             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| BO9 ITEM                    | PACK NR   | B13 GROSS WEIGHT | BO7 COIL NO | BO8 CAST N. | C71               | C72               | C73               | C74               | C75               | C76               | C77               | C78               | C79               | C80               | C81               | C82               | C83               | C84               | C85               |
|                             |           | KG               |             |             | C                 | Mn                | Si                | P                 | S                 | N                 | Al                | 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>-3%</sup> | 10 <sup>-3%</sup> | 10 <sup>-3%</sup> |
| 04                          | 863051793 | 27690            | 54723603    | 73962       | 71                | 53                | 11                | 13                | 5                 | 39                | 34                | 1                 | 27                | 19                | 26                | 24                | 1                 | 0                 | 4                 |
|                             | 863051797 | 27690            | 54723610    | 73962       | 71                | 53                | 11                | 13                | 5                 | 39                | 34                | 1                 | 27                | 19                | 26                | 24                | 1                 | 0                 | 4                 |
|                             | 863051809 | 27720            | 54723627    | 73962       | 71                | 53                | 11                | 13                | 5                 | 39                | 34                | 1                 | 27                | 19                | 26                | 24                | 1                 | 0                 | 4                 |
|                             | 863054351 | 26480            | 54787049    | 1059759     | 60                | 53                | 14                | 16                | 7                 | 20                | 32                | 2                 | 20                | 0                 | 10                | 26                | 2                 | 0                 | 1                 |
|                             | 863056306 | 27440            | 54810833    | 73962       | 71                | 53                | 11                | 13                | 5                 | 39                | 34                | 1                 | 27                | 19                | 26                | 24                | 1                 | 0                 | 4                 |
|                             | 5         | 137020           |             |             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 06                          | 863051612 | 27700            | 54723412    | 73960       | 72                | 52                | 11                | 14                | 4                 | 42                | 42                | 1                 | 20                | 16                | 15                | 27                | 1                 | 0                 | 2                 |
|                             | 863051831 | 26610            | 54723665    | 73961       | 73                | 54                | 12                | 13                | 4                 | 32                | 35                | 1                 | 26                | 18                | 18                | 25                | 1                 | 0                 | 3                 |
|                             | 863051839 | 27670            | 54723672    | 73961       | 73                | 54                | 12                | 13                | 4                 | 32                | 35                | 1                 | 26                | 18                | 18                | 25                | 1                 | 0                 | 3                 |
|                             | 863051854 | 27670            | 54723689    | 73961       | 73                | 54                | 12                | 13                | 4                 | 32                | 35                | 1                 | 26                | 18                | 18                | 25                | 1                 | 0                 | 3                 |
|                             | 863052743 | 27740            | 54733880    | 73988       | 74                | 54                | 14                | 15                | 3                 | 38                | 31                | 1                 | 23                | 15                | 10                | 30                | 1                 | 0                 | 2                 |
|                             | 5         | 137390           |             |             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 08                          | 863051862 | 27460            | 54723375    | 73962       | 72                | 54                | 11                | 13                | 4                 | 36                | 34                | 1                 | 26                | 19                | 24                | 24                | 1                 | 0                 | 4                 |
|                             | 863051873 | 27720            | 54723368    | 73961       | 73                | 54                | 12                | 13                | 4                 | 33                | 36                | 1                 | 25                | 17                | 18                | 25                | 1                 | 0                 | 3                 |
|                             | 863051881 | 27710            | 54723399    | 73961       | 73                | 54                | 12                | 13                | 4                 | 32                | 35                | 1                 | 26                | 18                | 18                | 25                | 1                 | 0                 | 3                 |

|     |  |  |     |  |  |     |   |  |     |               |         |                |  |  |
|-----|--|--|-----|--|--|-----|---|--|-----|---------------|---------|----------------|--|--|
| AO1 | <br><b>ArcelorMittal Belgium NV</b><br><b>ArcelorMittal Gent</b><br>John Kennedylaan, 51<br>9042 Gent (België)<br>Tel: +32 9.347.31.11<br>Fax: +32 9.347.49.07 |  | AO2 | CERTIFICATE<br>-----<br>INSPECTION CERTIFICATE ACCORDING EN10204-3.1<br>OR EQUIVALENT. |  | AO3 | 151517733 P. 02/05<br>ORDER NUMBER 36060<br>DATE<br>YOUR ORDER NO 32995<br>DATE 06-10-2015<br>CONTRACT NO FH54ALLOO1<br>YOUR REFERENCES<br>OUR REFERENCES OBC-IN/DLIN |  | AO9 | DISPATCH NOTE | 0736623 | AO6.1 CUSTOMER | OY ALUSTEEL AB<br>TELAKKATIE 4<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND 0740911<br>AO6.2 DESTINATION<br>OY ALUSTEEL AB<br>HEPOKARINTIE 9<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND 074098 |  |
|-----|--|--|-----|--|--|-----|---|--|-----|---------------|---------|----------------|--|--|

BO1=BO4 MATERIAL - HOT ROLLED STEEL COILS, PICKLED, STANDARD = AM FCE  
 QUALITY ORDER ITEM 03, 05, 07, 09, 19, 23, 25 - AMSTRONG355MC ORDER ITEM 11, 13, 15, 17, 21 - S235JR-CL1

|             |                | CHEMICAL ANALYSIS           |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
|-------------|----------------|-----------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--|--|--|--|--|--|--|
|             |                | C70 STEELMAKING PROCESS: LD |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| BO9<br>ITEM | B13<br>PACK NR | B07<br>GROSS WEIGHT<br>KG   | B08<br>CAST N. | C71<br>10-3% | C72<br>10-2% | C73<br>10-3% | C74<br>10-3% | C75<br>10-3% | C76<br>10-4% | C77<br>Al-t<br>10-3% | C78<br>Ti<br>10-3% | C79<br>Cr<br>10-3% | C80<br>Ni<br>10-3% | C81<br>Cu<br>10-3% | C82<br>Nb<br>10-3% | C83<br>B<br>10-3% | C84<br>V<br>10-3% | C85<br>Mo<br>10-3% |  |  |  |  |  |  |  |
| 08          | 863051883      | 27700                       | 73961          | 73           | 54           | 12           | 13           | 4            | 32           | 35                   | 1                  | 26                 | 18                 | 18                 | 25                 | 1                 | 0                 | 3                  |  |  |  |  |  |  |  |
|             | 863052775      | 27710                       | 73988          | 74           | 54           | 14           | 15           | 3            | 38           | 31                   | 1                  | 23                 | 15                 | 10                 | 30                 | 1                 | 0                 | 2                  |  |  |  |  |  |  |  |
|             | 863052783      | 27720                       | 73988          | 74           | 54           | 14           | 15           | 3            | 38           | 31                   | 1                  | 23                 | 15                 | 10                 | 30                 | 1                 | 0                 | 2                  |  |  |  |  |  |  |  |
|             | 6              | 166020                      |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 10          | 863039780      | 28250                       | 73797          | 66           | 36           | 11           | 14           | 4            | 41           | 29                   | 1                  | 33                 | 23                 | 29                 | 25                 | 1                 | 1                 | 4                  |  |  |  |  |  |  |  |
|             | 863042247      | 26800                       | 73863          | 65           | 36           | 12           | 20           | 6            | 20           | 33                   | 1                  | 35                 | 25                 | 39                 | 27                 | 1                 | 1                 | 4                  |  |  |  |  |  |  |  |
|             | 2              | 55050                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 12          | 863037612      | 27260                       | 1060162        | 80           | 36           | 10           | 16           | 7            | 15           | 33                   | 1                  | 0                  | 0                  | 0                  | 0                  | 2                 | 1                 | 1                  |  |  |  |  |  |  |  |
|             | 1              | 27260                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 14          | 863039285      | 28230                       | 73857          | 77           | 35           | 13           | 9            | 9            | 31           | 30                   | 1                  | 35                 | 27                 | 45                 | 0                  | 1                 | 0                 | 5                  |  |  |  |  |  |  |  |
|             | 1              | 28230                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 16          | 863037629      | 27110                       | 2026374        | 70           | 36           | 7            | 11           | 7            | 17           | 34                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                 | 0                 | 1                  |  |  |  |  |  |  |  |
|             | 1              | 27110                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 18          | 863037565      | 26610                       | 1064230        | 80           | 36           | 12           | 13           | 8            | 19           | 38                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                 | 0                 | 2                  |  |  |  |  |  |  |  |
|             | 1              | 26610                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 20          | 863023795      | 24060                       | 1063420        | 70           | 53           | 16           | 15           | 6            | 27           | 40                   | 1                  | 20                 | 0                  | 10                 | 26                 | 2                 | 0                 | 1                  |  |  |  |  |  |  |  |
|             | 1              | 24060                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 22          | 863022309      | 22860                       | 73570          | 75           | 35           | 13           | 14           | 8            | 39           | 31                   | 1                  | 30                 | 26                 | 44                 | 0                  | 1                 | 1                 | 3                  |  |  |  |  |  |  |  |
|             | 863026825      | 22600                       | 73571          | 78           | 35           | 13           | 15           | 10           | 34           | 31                   | 1                  | 34                 | 27                 | 45                 | 0                  | 1                 | 1                 | 3                  |  |  |  |  |  |  |  |
|             | 2              | 45460                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |
| 24          | 863024009      | 24070                       | 3451227        | 60           | 50           | 12           | 17           | 8            | 21           | 40                   | 1                  | 10                 | 0                  | 10                 | 26                 | 1                 | 0                 | 1                  |  |  |  |  |  |  |  |
|             | 1              | 24070                       |                |              |              |              |              |              |              |                      |                    |                    |                    |                    |                    |                   |                   |                    |  |  |  |  |  |  |  |

|        |                           |       |                    |
|--------|---------------------------|-------|--------------------|
| CO4    | CONDITION OF THE SPECIMEN | CO2   | DIRECTION SPECIMEN |
| V:AGED | F:NON-AGED N:NORMALISED   | L:OGR | S:45GR D:90GR      |

|                             |   |  |                             |  |                             |                    |                 |   |   |                |   |  |
|-----------------------------|---|--|-----------------------------|--|-----------------------------|--------------------|-----------------|---|---|----------------|---|--|
| AO1                         | <br><b>ArcelorMittal Belgium NV</b><br><b>ArcelorMittal Gent</b><br>John Kennedylaan, 51<br>9042 Gent (België)<br>Tel.: +32 9.347.31.11<br>Fax: +32 9.347.49.07 |  | AO2                         | CERTIFICATE<br>-----<br>INSPECTION CERTIFICATE ACCORDING EN10204-3.1<br>OR EQUIVALENT. | AO3                         | 151517733 P. 03/05 | AO9             | DISPATCH NOTE<br>DATE<br>ORDER NUMBER<br>DATE | 0736623<br>03-12-2015<br>36060<br>0740911 | AO6.1 CUSTOMER | OY ALUSTEEL AB<br>TELAKKATIE 4<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND<br>A06.2 DESTINATION<br>OY ALUSTEEL AB<br>HEPOKARINTIE 9<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND<br>074098 |  |
| AO5                         |   |  | AO5                         |  | AO5                         |                    | AO7             |   | AO7                                       |                | AO7   |  |
| AUTHOR OF THE DOCUMENT      |   |  | AM GENT/ QUALITY DEPARTMENT |  | AM GENT/ QUALITY DEPARTMENT |                    | YOUR ORDER NO   |   | 32995                                     |                | YOUR ORDER NO   |  |
| AM GENT/ QUALITY DEPARTMENT |   |  | AM GENT/ QUALITY DEPARTMENT |  | AM GENT/ QUALITY DEPARTMENT |                    | DATE            |   | 06-10-2015                                |                | DATE  |  |
| AM GENT/ QUALITY DEPARTMENT |   |  | AM GENT/ QUALITY DEPARTMENT |  | AM GENT/ QUALITY DEPARTMENT |                    | CONTRACT NO     |   | FH54ALLOO1                                |                | CONTRACT NO   |  |
| AM GENT/ QUALITY DEPARTMENT |   |  | AM GENT/ QUALITY DEPARTMENT |  | AM GENT/ QUALITY DEPARTMENT |                    | YOUR REFERENCES |   | OBC-IN/DLIN                               |                | YOUR REFERENCES   |  |
| AM GENT/ QUALITY DEPARTMENT |   |  | AM GENT/ QUALITY DEPARTMENT |  | AM GENT/ QUALITY DEPARTMENT |                    | OUR REFERENCES  |   | OBC-IN/DLIN                               |                | OUR REFERENCES  |  |

BO1=BO4 MATERIAL - HOT ROLLED STEEL COILS, PICKLED, STANDARD = AM FCE  
 QUALITY ORDER ITEM 03, 05, 07, 09, 19, 23, 25 - AMSTRONG355MC ORDER ITEM 11, 13, 15, 17, 21 - S235JR-CL1


| CHEMICAL ANALYSIS           |                  |             |             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
|-----------------------------|------------------|-------------|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| C70 STEELMAKING PROCESS: LD |                  |             |             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| BO9 ITEM                    | B13 GROSS WEIGHT | BO7 COIL NO | BO8 CAST N. | C                  | Mn                 | Si                 | P                  | S                  | N                  | Al-t               | Ti                 | Cr                 | Ni                 | Cu                 | Nb                 | B                  | V                  | Mo                 |
|                             | KG               |             |             | 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>-3</sup> % | 10 <sup>-3</sup> % | 10 <sup>-3</sup> % |
| 02                          | 26350            | 54985089    | 1059759     | 60                 | 53                 | 14                 | 16                 | 7                  | 20                 | 32                 | 2                  | 20                 | 0                  | 10                 | 26                 | 2                  | 0                  | 1                  |
|                             | 26590            | 54985096    | 1059733     | 80                 | 50                 | 15                 | 15                 | 7                  | 34                 | 36                 | 1                  | 20                 | 0                  | 10                 | 24                 | 3                  | 0                  | 1                  |
|                             | 27080            | 54985102    | 1059818     | 70                 | 53                 | 11                 | 17                 | 5                  | 22                 | 37                 | 2                  | 20                 | 10                 | 10                 | 26                 | 2                  | 0                  | 1                  |
|                             | 3                |             |             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
|                             | 29               |             |             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
|                             | 778300           |             |             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |

| MECHANICAL PROPERTIES |           |     |     |           |              |       |         |               |          |          |          |         |
|-----------------------|-----------|-----|-----|-----------|--------------|-------|---------|---------------|----------|----------|----------|---------|
| TENSILE TEST          |           |     |     |           |              |       |         |               |          |          |          |         |
| BO9 ITEM              | PACK NR   | CO4 | CO2 | C11 YIELD | C12 STRENGTH | C13 A | C40 TKC | C41 THICKNESS | C42 KCV1 | C42 KCV2 | C42 KCV3 | C43 KCV |
|                       |           | MPa | MPa | Rm        | MPa          | %     | C       | mm            | J        | J        | J        | J       |
| 04                    | 863051793 | F   | L   | 375       | 467          | 33    | L -40   | 6,00          | 133      | 125      | 139      | 132     |
|                       | 863051797 | F   | L   | 379       | 470          | 33    | L -40   | 6,00          | 133      | 141      | 139      | 138     |
|                       | 863051809 | F   | L   | 374       | 469          | 35    | L -40   | 6,00          | 133      | 141      | 139      | 138     |
|                       | 863054351 | F   | L   | 371       | 473          | 32    | L -40   | 6,00          | 125      | 138      | 118      | 127     |
|                       | 863056306 | F   | L   | 372       | 474          | 33    | L -40   | 6,00          | 132      | 124      | 133      | 130     |
|                       | 5         |     |     |           |              |       |         |               |          |          |          |         |
| 06                    | 863051612 | F   | L   | 399       | 482          | 33    |         |               |          |          |          |         |
|                       | 863051831 | F   | L   | 378       | 484          | 33    |         |               |          |          |          |         |
|                       | 863051839 | F   | L   | 403       | 485          | 34    |         |               |          |          |          |         |
|                       | 863051854 | F   | L   | 395       | 483          | 34    |         |               |          |          |          |         |
|                       | 863052743 | F   | L   | 404       | 492          | 33    |         |               |          |          |          |         |
|                       | 5         |     |     |           |              |       |         |               |          |          |          |         |
| 08                    | 863051862 | F   | L   | 383       | 479          | 33    |         |               |          |          |          |         |
|                       | 863051873 | F   | L   | 404       | 489          | 35    |         |               |          |          |          |         |
|                       | 863051881 | F   | L   | 388       | 484          | 33    |         |               |          |          |          |         |

CO4 CONDITION OF THE SPECIMEN | CO2 DIRECTION SPECIMEN  
 V:AGED F:NON-AGED N:NORMALISED | L:OGR S:45GR D:90GR

Zetel: Keizerinlaan 66, B-1000 Brussel (België) | BTW BE 0400.106.291 RPR Brussel


857009

|     |   |     |   |     |                    |     |                 |             |  |  |
|-----|---|-----|---|-----|--------------------|-----|-----------------|-------------|--|--|
| AO1 |  <p><b>ArcelorMittal Belgium NV</b><br/> <b>ArcelorMittal Gent</b><br/>         John Kennedylaan, 51<br/>         9042 Gent (België)<br/>         Tel.: +32 9.347.31.11<br/>         Fax: +32 9.347.49.07</p> | AO2 | <p>CERTIFICATE<br/>         -----<br/>         INSPECTION CERTIFICATE ACCORDING EN10204-3.1<br/>         OR EQUIVALENT.</p> | AO3 | 151517733 P. 04/05 | AO9 | DISPATCH NOTE   | 0736623     | AO6.1 CUSTOMER   | OY ALUSTEEL AB<br>TELAKKATIE 4<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND 0740911<br>A06.2 DESTINATION |
|     |   | AO5 | AUTHOR OF THE DOCUMENT<br>AM GENT/ QUALITY DEPARTMENT   |     |                    | AO7 | YOUR ORDER NO   | 32995       | OY ALUSTEEL AB<br>HEPOKARINTIE 9<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND 074098 |  |
|     |   |     |   |     |                    |     | DATE            | 03-12-2015  |  |  |
|     |   |     |   |     |                    |     | ORDER NUMBER    | 36060       |  |  |
|     |   |     |   |     |                    |     | DATE            |             |  |  |
|     |   |     |   |     |                    |     | CONTRACT NO     | FH54ALLO01  |  |  |
|     |   |     |   |     |                    |     | YOUR REFERENCES |             |  |  |
|     |   |     |   |     |                    |     | OUR REFERENCES  | OBC-IN/DLIN |  |  |

BO1-B04 MATERIAL - HOT ROLLED STEEL COILS, PICKLED, STANDARD = AM\_FCE  
 QUALITY ORDER ITEM 03, 05, 07, 09, 19, 23, 25 - AMSTRONG355MC ORDER ITEM 11, 13, 15, 17, 21 - S235JR-CL1

| MECHANICAL PROPERTIES |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
|-----------------------|-----------|--------------|----------|-----|-----|-----------------------|------|------|------|-----------|-----|-----|-----|-----|
| BO9<br>ITEM           | PACK NR   | TENSILE TEST |          |     |     | C40 IMPACT (CHARPY V) |      |      |      | C42       |     |     |     |     |
|                       |           | CO4          | CO2      | C11 | C12 | C13                   | CO2  | C44  | C41  | THICKNESS | C42 | C42 | C42 | C43 |
|                       |           | YIELD        | STRENGTH | Rm  | A   | TKC                   | KCV1 | KCV2 | KCV3 | KCV       |     |     |     |     |
|                       |           | MPa          | MPa      | %   | mm  | J                     | J    | J    | J    | J         |     |     |     |     |
| 08                    | 863051883 | F            | L        | 394 | 487 | 34                    |      |      |      |           |     |     |     |     |
|                       | 863052775 | F            | L        | 405 | 498 | 33                    |      |      |      |           |     |     |     |     |
|                       | 863052783 | F            | L        | 407 | 494 | 33                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 10                    | 863039780 | F            | L        | 393 | 475 | 36                    |      |      |      |           |     |     |     |     |
|                       | 863042247 | F            | L        | 371 | 476 | 36                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 12                    | 863037612 | F            | D        | 255 | 372 | 45                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 14                    | 863039285 | F            | D        | 284 | 392 | 40                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 16                    | 863037629 | F            | D        | 248 | 376 | 40                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 18                    | 863037565 | F            | D        | 236 | 362 | 42                    | L    | +20  |      | 6,00      | 157 | 157 | 172 | 162 |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 20                    | 863023795 | F            | L        | 372 | 481 | 34                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 22                    | 863022309 | F            | D        | 265 | 385 | 39                    |      |      |      |           |     |     |     |     |
|                       | 863026825 | F            | D        | 273 | 388 | 42                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |
| 24                    | 863024009 | F            | L        | 365 | 477 | 34                    |      |      |      |           |     |     |     |     |
|                       |           |              |          |     |     |                       |      |      |      |           |     |     |     |     |

|        |                           |       |                    |
|--------|---------------------------|-------|--------------------|
| CO4    | CONDITION OF THE SPECIMEN | CO2   | DIRECTION SPECIMEN |
| V:AGED | F:NON-AGED N:NORMALISED   | L:OGR | S:45GR D:90GR      |


|   |  |   |   |
|---|--|---|---|
| <b>A01</b><br><br><b>ArcelorMittal</b><br><b>ArcelorMittal Belgium NV</b><br><b>ArcelorMittal Gent</b><br>John Kennedylaan, 51<br>9042 Gent (België)<br>Tel.: +32 9.347.31.11<br>Fax: +32 9.347.49.07 | <b>A02</b><br>CERTIFICATE<br>-----<br>INSPECTION CERTIFICATE ACCORDING EN10204-3.1<br>OR EQUIVALENT. | <b>A03</b><br>151517733 P. 05/05  | <b>A09</b> DISPATCH NOTE 0736623<br><b>A08</b> ORDER NUMBER 36060<br><b>A07</b> YOUR ORDER NO 32995<br><b>A06.1</b> CUSTOMER OY ALUSTEEL AB<br>TELAKKATIE 4<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND 0740911<br><b>A06.2</b> DESTINATION OY ALUSTEEL AB<br>HEPOKARINTIE 9<br>FIN-23500 UUSIKAUPUNKI<br>FINLAND 074098 |
| <b>A05</b> AUTHOR OF THE DOCUMENT<br>AM GENT/ QUALITY DEPARTMENT  |  | <b>A06</b> YOUR REFERENCES OBC-IN/DLIN<br><b>A04</b> OUR REFERENCES OBC-IN/DLIN |   |

**B01-B04** MATERIAL - HOT ROLLED STEEL COILS, PICKLED, STANDARD = AM\_FCE  
 QUALITY ORDER ITEM 03, 05, 07, 09, 19, 23, 25 - AMSTRONG355MC ORDER ITEM 11, 13, 15, 17, 21 - S235JR-CL1

| MECHANICAL PROPERTIES |           |                |     |                       |     |     |    |     |     |           |     |     |     |
|-----------------------|-----------|----------------|-----|-----------------------|-----|-----|----|-----|-----|-----------|-----|-----|-----|
| TENSILE TEST          |           |                |     | C40 IMPACT (CHARPY V) |     |     |    |     |     |           |     |     |     |
| B09<br>ITEM           | PACK NR   | YIELD STRENGTH |     | Rm                    |     | TKC |    | TKC |     | THICKNESS |     | C41 |     |
|                       |           | MPa            | MPa | MPa                   | %   | mm  | mm | mm  | mm  | mm        | mm  | mm  | mm  |
| 02                    | 863071225 | F              | L   | 359                   | 470 | 32  | L  | -40 | 198 | 206       | 203 | 202 | 202 |
|                       | 863071256 | F              | L   | 358                   | 451 | 33  | L  | -40 | 200 | 208       | 205 | 204 | 204 |
|                       | 863071278 | F              | L   | 363                   | 465 | 32  | L  | -40 | 202 | 194       | 207 | 201 | 201 |

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

GENT 11-12-2015

P. JODOGNE  
 QUALITY DEPARTMENT  


Zetel: Keizerinlaan 66, B-1000 Brussel (België) BTW BE 0400.106.291 RPR Brussel

Z01



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CE label



0036

NUMMER DOP HRO0006\_CPR2013-07-01\_FC\_V005

NUMMER DOP [http://dop.arcelormittal.net/pdf/HRO0006\\_CPR2013-07-01\\_FC\\_V005\\_FI\\_FI.pdf](http://dop.arcelormittal.net/pdf/HRO0006_CPR2013-07-01_FC_V005_FI_FI.pdf)  
 EN 10025-1

PAKNUMMER COILNUMBER POST ITEM WARMGEWALST CONSTRUCTIE STAAL VOORZIEN OM TE GEBRUIKEN IN GELASTE, GEBOUTE OF MET KLINKNAGELS VERBONDEN CONSTRUCTIES

863037612  
 863039285  
 863037629  
 863037565  
 863022309  
 863026825

TOLERANTIES OP DIMENSIES EN VORM:  
 VOLGENS EN 10051

VERLENGING  
 TREKSTERKTE  
 VLOEIGRENS  
 KERFSLAGWAARDE  
 LASBAARHEID  
 DUURZAAMHEID

STAAL  
 UITGEDRUKT ZOALS VERMELD IN  
 DE DOP

DISPATCH NOTE 0736623  
 DATE 03-12-2015  
 ORDER NUMBER 36060  
 DATE  
 YOUR ORDER NO 32995  
 DATE 06-10-2015  
 CONTRACT NO FH54ALLOO1  
 YOUR REFERENCES  
 OUR REFERENCES OBC-IN/DLIN

CUSTOMER  
 OY ALUSTEEL AB  
 TELAKKATIE 4  
 FIN-23500 UUSIKAUPUNKI

DESTINATION

OY ALUSTEEL AB  
 HEPOKARINTIE 9  
 FIN-23500 UUSIKAUPUNKI  
 FINLAND 074098

JAAR YEAR 13  
 TECHNISCHE SPECIFICATIE  
 TECHNICAL SPECIFICATION  
 AMSTRONG35SMC AFCS  
 EN 10025-1

HOT ROLLED STRUCTURAL STEEL PRODUCTS  
 INTENDED TO BE USED IN WELDED, BOLTED AND RIVETED STRUCTURES

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