

ArcelorMittal Hunedoara S.A.  
DJ 687, nr. 4, Cod 331111, Hunedoara-Romania

ArcelorMittal

CERTIFICAT DE INSPECTIE / INSPECTION CERTIFICATE  
SR EN 10204:2005 ( EN 10204:2004 ) 3.1

ArcelorMittal HUNEDOARA S.A:  
  
Quality Inspection & Statistics  
Hunedoara-Romania Cod 331111

Destinatar / Destined to:  
SC Thyssenkrupp Materials Romania

Nr. / No.: 1450089660  
Data / Date 13.12.2023

Adresa/Address: b-dul Basarabiei, 256, 030171, BUCURESTI  
Tara/State: România

Comanda nr. / Order no.: 5246  
Comanda data / Order date: 19.10.2023

Vagon/Wagon / Auto/Truck:  
B113XBA/VL29DAL

Standard de marca / Material norm: SR EN 10025-2:2019

Marcaj color:

DOP: AMHU-2/05 CPR-13-1

Observatii / Remarks:

| Nr.Crt /<br>No.Item | Nr.Sarja /<br>Heat No | Marca /<br>Quality | Produs /<br>Product | Buc. /<br>Pieces | Cantitate /<br>Quantity<br><br>[to] | Lungime /<br>Length<br><br>[mm] | Toleranta la<br>lungime /<br>Tolerance<br>To length<br>[mm] | Incerari mecanice/Mechanical tests |                      |      |                                          |              |            |            |            |                             |  |  |  |
|---------------------|-----------------------|--------------------|---------------------|------------------|-------------------------------------|---------------------------------|-------------------------------------------------------------|------------------------------------|----------------------|------|------------------------------------------|--------------|------------|------------|------------|-----------------------------|--|--|--|
|                     |                       |                    |                     |                  |                                     |                                 |                                                             | ReH                                |                      |      | Incovoiere prin soc / Charpy impact test |              |            |            |            |                             |  |  |  |
|                     |                       |                    |                     |                  |                                     |                                 |                                                             | [N/mm <sup>2</sup> ]               | [N/mm <sup>2</sup> ] | [%]  | Tip epruveta /<br>Type of sample         | Temp<br>[°C] | KV1<br>[J] | KV2<br>[J] | KV3<br>[J] | Medie KV /<br>Average<br>KV |  |  |  |
| 1                   | 73012                 | S275JO+M           | IPE180              | 42               | 9.594                               | 12100                           | -0 / +100                                                   | 338                                | 478                  | 32,0 | 300/7,5                                  | 0            | 76,0       | 80,0       | 70,0       | 75,3                        |  |  |  |
| 2                   | 73010                 | S275JO+M           | IPE180              | 9                | 2.056                               | 12100                           | -0 / +100                                                   | 331                                | 481                  | 31,0 | 300/7,5                                  | 0            | 62,0       | 66,0       | 54,0       | 60,7                        |  |  |  |

Compozitie chimica pe otel lichid/Chemical analysis of the liquid steel [%]

| Nr.crt /<br>No Item | Nr.Sarja /<br>Heat No | C     | Mn    | Si    | S     | P     | Cr    | Ni    | Cu    | Mo    | Ti    | V     | Al    | Sn    | B      | Nb     | N      | O(ppm) | H(ppm) | CEV   |
|---------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| 1                   | 73012                 | 0,150 | 0,610 | 0,190 | 0,018 | 0,022 | 0,130 | 0,110 | 0,330 | 0,020 | 0,000 | 0,003 | 0,002 | 0,018 | 0,0002 | 0,0007 | 0,0088 |        |        | 0,312 |
| 2                   | 73010                 | 0,160 | 0,590 | 0,220 | 0,021 | 0,022 | 0,120 | 0,110 | 0,330 | 0,030 | 0,000 | 0,003 | 0,002 | 0,015 | 0,0002 | 0,0006 | 0,0098 |        |        | 0,318 |

We hereby declare that the invoiced goods are processed without incorporating iron and steel products originating in Russia or Belarus and thatthe invoiced goods are in conformity with the EU Regulation no. 833/2014 of July 2014 and all further amendments accordingly.

Utilizare preconizata/Intended uses: Structuri metalice si/sau structuri mixte otel-beton/Metalic structures and/or mixed structures steel-concrete  
Durabilitate/Durability: Compozitie chimica / Chemical analysis  
Sudabilitate/Weldability: CEV  
Substanta reglementata/Regulated substance: Performanta nedeterminata/No performance determined  
Marcaj/Marked: SR EN 10025-1:2005 ( EN 10025-1:2004 )  
Suprafata/Surface: SR EN 10163-3:2005, clasa C, subcl.1 ( EN 10163-3:2004 )  
Dimensiuni/Dimension: SR EN 10365/2017; EN 10365/2017  
Tol. la dim. si forma / Tolerances on dimension and shape: SR EN 10034/1995; EN 10034/1993

Materialul mai sus mentionat nu prezinta radioactivitate  
The above mantioned material has not displayed any radioactivity

Inspectia Calitatii si Statistici/Quality Inspection & Statistics  
Quality Manager:Ileana Cristea Eng.

Intocmit/Elaborate:  
  
ILIE ROMAN RASPUTNEAC

CE  
12/1823

Form.PC-12 rev.5