

|                                    |                       |                                   |                                       |                                   |                       |
|------------------------------------|-----------------------|-----------------------------------|---------------------------------------|-----------------------------------|-----------------------|
| <b>COMPONENTE:</b><br>VESSEL PART: | <b>LOTTO:</b><br>LOT: | <b>MATERIALE</b><br>MATERIAL      | <b>FORNITORE</b><br>SUPPLIER          | <b>CERTIFICATO</b><br>CERTIFICATE | <b>COLATA</b><br>HEAT |
| <b>COPERCHIO</b><br>COVER          | <b>30107</b>          | <b>AISI 304L</b><br><b>1.4307</b> | <b>OUTOKUMPU SPA</b><br>453690 / 2022 | <b>934423/001</b>                 | <b>43964</b>          |



**INSPECTION CERTIFICATE 3.1**  
**DIN EN 10204 3.1**

Certificate No.  
Zeugnis Nr.  
N° du certificat  
**934423/001**  
1 (01)  
Date Datum Date  
**27.06.2022**

|                                                                                                                                                                                                                                                                        |                                                                               |                                                                        |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Delivery address, Empfänger, Lieu de livraison<br><b>OUTOKUMPU S.R.L.</b><br><b>VIA FUSTAGNO, 21</b><br><b>T7</b><br><b>26012 CASTELLEONE</b><br><b>ITALY</b>                                                                                                          |                                                                               |                                                                        |                               | OUTOKUMPU S.R.L.<br><br><b>VIA AGNELLO, 8</b><br><b>20121 MILANO</b><br><b>ITALY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Requirements, Anforderungen, Exigences<br><b>EN 10088-4:2009</b><br><b>AD 2000 W2, W10 &amp; EN 10028-7:2016</b><br><b>ASTM A240/A240M</b><br><b>ASME SA-240/SA-240M II A ED. 2021</b>                                                                                 |                                                                               |                                                                        |                               | Our Order No.<br>Unser Auftrag Nr.<br>Notre commande n°<br><b>802826</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        | Your order, Ihre Bestellung, Votre commande                 |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Product, Erzeugnisform, Produit<br><b>COIL , STAINLESS STEEL</b>                                                                                                                                                                                                       |                                                                               |                                                                        |                               | Mark of Manufacturer<br>Zeichen des Lieferwerkes<br>Signe de producteur<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        | Process<br>Erschmelzungsart<br>Mode de fusion<br><b>AOD</b> |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Grade, Werkstoff, Nuance<br><b>1.4307 1.4301 TYPE 304L</b>                                                                                                                                                                                                             |                                                                               |                                                                        |                               | Tolerances Toleranzen, Tolérances<br><b>EN ISO 9445-2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Marking, Kennzeichnung, Marquage<br><b>1.4307 2B</b>                                                                                                                                                                                                                   |                                                                               |                                                                        |                               | Marks, Versandzeichen, Marques                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Line<br>Reihe<br>Ligne                                                                                                                                                                                                                                                 | Item<br>Position<br>Poste                                                     | Charge-test No.<br>Schmelze-Probe Nr.<br>Coulée n°                     | Size, Abmessungen, Dimensions | Quantity<br>Stückzahl<br>Nombre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Weight, Gewicht, Poids | Finish<br>Ausführung<br>Fini<br>EN/ASTM                     | <br>10<br>0045-CPR-0567 |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| <b>1</b>                                                                                                                                                                                                                                                               | <b>6</b>                                                                      | <b>43964 4</b>                                                         | <b>3,0 X 1500 MM</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>23370 KG</b>        | <b>2B</b>                                                   |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Charge no.<br>Schmelze Nr.<br>Coulée n°                                                                                                                                                                                                                                |                                                                               | Chemical composition, Chemische Zusammensetzung, Composition chimiques |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
|                                                                                                                                                                                                                                                                        |                                                                               | C<br>%                                                                 | Si<br>%                       | Mn<br>%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | P<br>%                 | S<br>%                                                      | Cr<br>%                 | Ni<br>%                                                                                                                                                                                                                                                                                                                | N<br>%                                                                                                                                                                                                                                                                                                      |  |  |  |  |
|                                                                                                                                                                                                                                                                        |                                                                               | <b>43964 0,021 0,38 1,51 0,034 &lt;.001 18,2 8,1 0,068</b>             |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Line<br>Reihe<br>Ligne                                                                                                                                                                                                                                                 | Mechanical properties, Mechanische Eigenschaften, Caracteristiques mecaniques |                                                                        |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                             |                         | Tensile test, Zugversuch, Essai de traction                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
|                                                                                                                                                                                                                                                                        | Sample ID<br>Proben ID<br>Echantillon                                         | Rp0.2<br>MPa                                                           | Rp1.0<br>MPa                  | Rm<br>MPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A5<br>%                | A50<br>%                                                    | %                       | Hardness<br>Härte, Duraté<br>HBW                                                                                                                                                                                                                                                                                       | ISO 6892-1:2019 A224<br>SAMPLES PERPENDICULAR TO<br>THE ROLLING DIRECTION                                                                                                                                                                                                                                   |  |  |  |  |
| <b>1</b>                                                                                                                                                                                                                                                               | <b>01</b>                                                                     | <b>288</b>                                                             | <b>324</b>                    | <b>614</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>61</b>              | <b>59</b>                                                   |                         | <b>161</b>                                                                                                                                                                                                                                                                                                             | <b>APPROVED ACC.TO</b><br><b>AD2000-W0 WITH</b><br><b>VERIFICATION OF THE</b><br><b>UNIFORMITY OVER THE</b><br><b>STRIP LENGTH. CERTIFIED</b><br><b>ACC.TO PED 2014/68/EU BY</b><br><b>TÜV NORD REG. NO. 0045.</b><br><b>DOPS ACC. TO CPR</b><br><b>AVAILABLE ON THE WEB</b><br><b>PAGE BY STEEL NUMBER</b> |  |  |  |  |
|                                                                                                                                                                                                                                                                        | <b>02</b>                                                                     | <b>286</b>                                                             | <b>322</b>                    | <b>610</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>65</b>              | <b>60</b>                                                   |                         | <b>159</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Identity test, Verwechslungsprüfung, Controle d'identification<br>Sizes, Abmessungen, Dimensions<br>Surface, Oberfläche, Surface<br>Test of intergran. corros. Prüfung auf interkrist. Korros, Test de corros. intercrst.<br><b>EN ISO 3651-2 A: OK</b>                |                                                                               |                                                                        |                               | OK<br>OK<br>OK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| ASTM A240/A240M<br>ASME SA-240/SA-240M II A ED. 2021<br>TYPE 304<br>EN 10088-2:2014/1.4307, 1.4301<br>NACE MR0103/ISO 17945 AND<br>NACE MR0175/ISO 15156-1 / NACE MR0175/ISO 15156-3<br>HEAT TREATMENT 1060 C<br>SOLUTION ANNEALED<br>RAPID COOLING WITH AIR AND WATER |                                                                               |                                                                        |                               | We certify that the above mentioned products comply with the terms of the order contract.<br>Wir bestätigen, dass die Lieferung den Vereinbarungen der Bestellannahme entspricht.<br>Nous certifions que les produits énumérés ci-dessus sont conformes aux prescriptions de la commande.<br><br>This test certificate is made by controlled ADP-system and is valid without signature.<br>Dieses Zeugnis wurde von einem überprüften Datenverarbeitungssystem erstellt und ist ohne Unterschrift gültig.<br>Ce certificat a été établi par un système informatique contrôlé et est valide sans signature. |                        |                                                             |                         |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Vs. Ord. <b>312</b><br>Na. Bolla <b>453690</b><br>del <b>050727</b>                                                                                                                                                                                                    |                                                                               |                                                                        |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                             |                         | <b>Outokumpu Stainless Oy</b><br><br><br>Authorized inspector<br>Werkssachverständiger<br>Inspecteur autorisé<br><b>PIRKKO JANNE</b><br><br>FI-95490 Tornio, Finland<br>Tel. +358 16 4521, email certificate.tornio@outokumpu.com,<br>www.outokumpu.com<br>Domicile: Tornio, Finland. Business Identity Code 0823315-9 |                                                                                                                                                                                                                                                                                                             |  |  |  |  |