


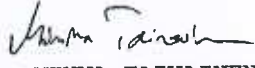


INSPECTION CERTIFICATE 3.1  
DIN EN 10204 3.1

|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|----------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Delivery address Empfänger, Lieu de livraison<br><b>BE GROUP OY AB<br/>LOTILA/KELAT/HALLI 1/OVI 2<br/>VANHANRADANKATU 42<br/>15522 LAHTI<br/>SUOMI-FINLAND</b>           |                                                                               | <b>BE GROUP OY AB<br/>HELSINGINTIE 50<br/>15100 LAHTI<br/>SUOMI-FINLAND</b>                                                                                                     |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| Requirements, Anforderungen, Exigences<br><b>EN 10088-4:2009<br/>AD 2000 W2, W10 &amp; EN 10028-7:2007<br/>ASTM A240/A240M-13A<br/>ASME SA-240/SA-240M II A ED. 2013</b> |                                                                               | Our Order No.<br>Unser Auftrag Nr.<br>Notre commande n°<br><b>P016430</b>                                                                                                       | Your order, Ihre Bestellung Votre commande<br><b>0300279503</b> |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| Product, Erzeugnisform, Produit<br><b>COIL, STAINLESS STEEL</b>                                                                                                          |                                                                               | Mark of Manufacturer<br>Zeichen des Lieferwerkes<br>Signe de producteur<br><b>outokumpu </b> | Process<br>Erschmelzungsart<br>Mode de fusion<br><b>AOD</b>     |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| Grade, Werkstoff, Nuance<br><b>1.4307 1.4301 TYPE 304</b>                                                                                                                |                                                                               | Tolerances Toleranzen, Tolérances<br><b>EN ISO 9445-2</b>                                                                                                                       |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| Marking, Kennzeichnung, Marquage<br><b>1.4307 2B</b>                                                                                                                     |                                                                               | Inspector's stamp<br>Zeichen d Sachverständigen<br>Poicon de l'expert<br>                    |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| Line<br>Reihe<br>Ligne                                                                                                                                                   | Item<br>Position<br>Poste                                                     | Charge-test No.<br>Schmelz-Probé Nr.<br>Coulée n°                                                                                                                               | Size, Abmessungen, Dimensions                                   | Quantity<br>Stückzahl<br>Nombre | Weight<br>Gewicht<br>Poids | Finish<br>Ausführung<br>Fini<br>EN/ASTM | <br>14<br>0045-CPR-0567 |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| 1                                                                                                                                                                        | 4                                                                             | 35064 6                                                                                                                                                                         | 3,0 X 1500 MM                                                   |                                 | 10270 KG                   | 2B                                      |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| Charge no.<br>Schmelz 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>%                                                                                                                                                                                                                   |  |  |  |
| 35064                                                                                                                                                                    |                                                                               | 0,020                                                                                                                                                                           | 0,36                                                            | 1,48                            | 0,031                      | 0,001                                   | 18,2                                                                                                       | 8,1                                                                                                                                                                                                                                                                                                     | 0,045                                                                                                                                                                                                                    |  |  |  |
| Line<br>Reihe<br>Ligne                                                                                                                                                   | Mechanical properties, Mechanische Eigenschaften, Caractéristiques mécaniques |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | Tensile test Zugversuch Essai de traction                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          | Location<br>Ort<br>Lieu                                                       | Rp0.2<br>MPa                                                                                                                                                                    | Rp1.0<br>MPa                                                    | Rm<br>MPa                       | A5<br>%                    | A50<br>%                                | %                                                                                                          | Hardness<br>Härte, Duraté<br>HBW                                                                                                                                                                                                                                                                        | ISO 6892-1:2009 A224<br>SAMPLES PERPENDICULAR TO<br>THE ROLLING DIRECTION                                                                                                                                                |  |  |  |
| 1                                                                                                                                                                        | E<br>A                                                                        | 275<br>270                                                                                                                                                                      | 313<br>304                                                      | 612<br>606                      | 61<br>60                   | 56<br>57                                |                                                                                                            | 165<br>165                                                                                                                                                                                                                                                                                              | APPROVED ACC TO<br>AD2000-W0 WITH<br>VERIFICATION OF THE<br>UNIFORMITY OVER THE<br>STRIP LENGTH. CERTIFIED<br>ACC TO PED 97/23/EC<br>BY CERTIFICATION BODY<br>FOR PRESSURE EQUIPMENT<br>OF THE TÜV NORD<br>REG.-NO. 0045 |  |  |  |
| Identity test, Verwechslungsprüfung, Contrôle d'identification                                                                                                           |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | OK                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                          |  |  |  |
| Sizing, Abmessungen, Dimensions                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | OK                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                          |  |  |  |
| Surface, Oberfläche, Surface                                                                                                                                             |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | OK                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                          |  |  |  |
| Test of intergran. corros., Prüfung auf interkrist. Korros., Test de corros. intercris.                                                                                  |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | OK                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                          |  |  |  |
| EN ISO 3651-2 A: OK                                                                                                                                                      |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| ASTM A240/A240M-13A                                                                                                                                                      |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| ASME SA-240/SA-240M II A ED. 2013                                                                                                                                        |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| TYPE 304L                                                                                                                                                                |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| NACE MR0103-2012 AND                                                                                                                                                     |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| NACE MR0175/ISO 15156-1 / NACE MR0175/ISO 15156-3                                                                                                                        |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
| 3101153157                                                                                                                                                               |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | 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.               |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | This test certificate is made by controlled ADP-system and is valid without signature<br>Dieses Zeugnis wurde von einem überprüften Datenverarbeitungs-system erstellt und ist ohne Unterschrift gültig<br>Ce certificat a été établi par un système informatique contrôlé et est valide sans signature |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | <b>Outokumpu Stainless Oy</b>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            |                                                                                                                                                                                                                    |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | Authorized inspector<br>Werkesachverständiger<br>Inspecteur autorisé<br><b>MINNA TAIVAINEN</b>                                                                                                                                                                                                          |                                                                                                                                                                                                                          |  |  |  |
|                                                                                                                                                                          |                                                                               |                                                                                                                                                                                 |                                                                 |                                 |                            |                                         |                                                                                                            | FI-95490 Tornio, Finland<br>Tel. +358 16 4521 Fax +358 16 452 350,<br>www.outokumpu.com<br>Domicile Tornio, Finland Business Identity Code 0823315-9                                                                                                                                                    |                                                                                                                                                                                                                          |  |  |  |