

## DECLARATION OF PERFORMANCE

No 1.4301

|   |   |                                    |
|---|---|------------------------------------|
| Unique identification code of the product-type:                                 | 1.4301 - EN 10088-4:2009  |                                    |
| Intended use/es:  | Sheet/plate and strip of corrosion resisting steels for construction purposes |                                    |
| Manufacturer:   | Outokumpu Nirosta GmbH<br>Oberschlesienstr. 16, 47807 Krefeld, Germany        |                                    |
| System/s of AVCP:   | 2+  |                                    |
| Harmonised standard:  | EN 10088-4:2009   |                                    |
| Notified body/ies:  | MPA NRW No.0432<br>No. 0432-CPR-00052-1                                       |                                    |
| Declared performance/s:   |   |                                    |
| Essential characteristics   | Performance   | Harmonised technical specification |
| Tolerances on dimensions and shape  | Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2                 |                                    |
| 0,2%-proof strength (yield strength) Rp0,2                                      | Cold rolled<br>230 Mpa  | Hot rolled<br>210 Mpa              |
| Tensile strength Rm   | 540-750 MPa   | 520-720 Mpa                        |
| Elongation A  | 45 %  | 45 %                               |
| Impact strength KV  | -   | 60 J (transverse)                  |
| Weldability   | (covered by chemical composition)   |                                    |
| Durability  | (covered by chemical composition)   |                                    |
| Fracture toughness/<br>brittle strength   | (covered by impact strength)  |                                    |
| Cold formability  | (covered by elongation)   |                                    |
| Appropriate Technical Documentation and/or<br>Specific Technical Documentation: | No. 0432-CPR-00052-1<br>EN 10088-4:2009, annex ZA                             |                                    |

**The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.**

Signed for and on behalf of the manufacturer by:



Krefeld, 24.09.2019

Nico Malinowsky - Inspector (EU-O-KB-QM-A)