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|  | <b>DECLARATION OF PERFORMANCE AND CONFORMITY:</b><br><b>EN 10088-4:2009</b> | Document No.: |
|                                                                                  |                                                                             | CE-DOP-4516C  |
|                                                                                  |                                                                             | Revision:     |
|                                                                                  |                                                                             | 1             |

**For the construction products: Cold Rolled Strips & Sheets of corrosion Resisting Steel**

|                                                                                                                                              |                                                                                                                                                                                                        |                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                                            | Identification code of the product-type                                                                                                                                                                | 1.4516 - EN 10088-4:2009                                                                                                              |
| 2                                                                                                                                            | Type                                                                                                                                                                                                   | 1.4516 See marking / label / Material Certificate                                                                                     |
| 3                                                                                                                                            | Intended use                                                                                                                                                                                           | Metal structures or in composite metal and concrete structures                                                                        |
| 4                                                                                                                                            | Manufacturer                                                                                                                                                                                           | Bahru Stainless Sdn Bhd, PTD 4069, (PLO 108), Jalan Rumbia 4, Tanjung Langsat Industrial Complex, 81700 Pasir Gudang, Johor, Malaysia |
| 5                                                                                                                                            | Authorised Representative in the EU                                                                                                                                                                    | N/A                                                                                                                                   |
| 6                                                                                                                                            | Assessment system and verification for constancy of performance as per Annex V                                                                                                                         | EN 10088-4, Annex ZA, System 2+                                                                                                       |
| 7                                                                                                                                            | The Notified Body has conducted the first inspection and continuous surveillance according to the system and issued the certificate as a confirmation of conformity for the factory production control | TUV Rheinland Industrie Service GmbH<br>Identification no : 0035<br>2+<br>0035-CPR-A215                                               |
| 8                                                                                                                                            | Construction product with European Technical Assessment                                                                                                                                                | No                                                                                                                                    |
| 9                                                                                                                                            | Declared Performance                                                                                                                                                                                   |                                                                                                                                       |
| Essential Characteristics                                                                                                                    |                                                                                                                                                                                                        | Performance                                                                                                                           |
| Tolerances on Dimensions and Shape                                                                                                           |                                                                                                                                                                                                        | Harmonised Technical Specification                                                                                                    |
| Mechanical Properties:                                                                                                                       |                                                                                                                                                                                                        |                                                                                                                                       |
| <ul style="list-style-type: none"> <li>Tensile strength</li> <li>0.2% Proof strength</li> <li>Elongation</li> <li>Impact strength</li> </ul> |                                                                                                                                                                                                        | Tables 1,2,3 & 4 ; Paragraph 11,12 & 13 (ISO 9445-2:2009)<br><br>450-650MPa<br>≥320MPa<br>≥25%<br>N/A                                 |
| Weldability (Covered by chemical composition)                                                                                                |                                                                                                                                                                                                        | EN 10088-4:2009                                                                                                                       |
| Durability (Covered by chemical composition)                                                                                                 |                                                                                                                                                                                                        | Table 1<br>EN 10088-4:2009                                                                                                            |
| Fracture Toughness / Brittle Strength (Covered by impact strength)                                                                           |                                                                                                                                                                                                        | Table 7<br>EN 10088-4:2009                                                                                                            |
| Cold Formability (Covered by elongation)                                                                                                     |                                                                                                                                                                                                        | Table 7<br>EN 10088-4:2009                                                                                                            |
| Regulated substance                                                                                                                          |                                                                                                                                                                                                        | No performance determine                                                                                                              |

10 The performance of the products are in accordance with the specification given above.  
This Declaration of Performance is issued under the sole responsibility of Bahru Stainless Sdn Bhd.

Signed for and on behalf of the manufacturer by:




Hairul Ahzim Hamzah : CPR Inspector Bahru Stainless Sdn Bhd

Signed at Pasir Gudang, Johor, Malaysia on the 12th day of December, 2024