

## Declaration of Performance

No.: KT-CPR-KMS308LSi

Product Name:KMS-308LSi

Date:2018/04/24

|  |  |                                    |
|--|--|------------------------------------|
| For the construction product                   |  | Wire electrodes                    |
| 1. Unique identification code for product type | EN ISO 14343-A - G 19 9 L Si<br>Trade mark: KMS-308LSi   |                                    |
| 2. Intended use for construction product:      | Welding consumables used in metallic structures or in composite metal and concrete structures                        |                                    |
| 3. Manufacturer                                | Kuang Tai Metal Ind. Co. Ltd.<br>No. 20, Gongye Road, Erzhen, Guantian District,<br>Tainan City, 72042, Taiwan R.O.C |                                    |
| 4. Authorized representative                   | Not applied  |                                    |
| 5. System(s) of AVCP                           | System 2+  |                                    |
| 6 a) Harmonized standard:                      | EN 13479   |                                    |
| Notified body/ies:                             | TÜV NORD Systems GmbH & Co. KG, Hamburg,<br>NB-Registration-no. 0045,<br>No. of FPC-Certificate: 0045-CPR-0767       |                                    |
| 6 b) European Assessment Document:             | Not applied  |                                    |
| European Technical Assessment:                 | Not applied  |                                    |
| Technical Assessment Body:                     | Not applied  |                                    |
| Notified body/ies:                             | Not applied  |                                    |
| 7. Declared performance:                       |  |                                    |
| Essential characteristics                      | Performance  | Harmonized technical specification |
| Tolerances on dimensions                       | Diameter   | EN ISO 544, Table 2                |
| Elongation                                     | > 25%  | EN ISO 14343, Table A.1            |
| Tensile strength                               | > 510 N/mm <sup>2</sup>  | EN ISO 14343, Table A.1            |
| Yield strength                                 | > 320 N/mm <sup>2</sup> at R <sub>p0.2</sub>   | EN ISO 14343, Table A.1            |
| Impact strength                                | > 32J at -196°C  | EN 14532-1,, Table D.1, Group 8.1  |
| Chemical composition                           | 19 9 L Si requirement  | EN ISO 14343, Table 1              |
| Durability                                     | by stainless grade   |                                    |
| Dangerous substances                           | NPD  |                                    |
| Emission of radioactivity                      | NPD  |                                    |

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Not applied

The performance of the products identified in points 1 and 2 is in conformity with the declared performance in point 7. This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:



C.H. Wu / QA Department Manager  
Tainan, Taiwan 2018/04/24