

acc Regulation (EU) No. 305/2011.

Declaration of performance.

1. Unique identification code of the product-type

LINDE-MIG-SG3 (EN ISO 14341-A G 46 4 M21 4Si 1)

2. Type, batch or serial no. or any other element allowing identification of the construction product

GMAW/GTAW product: LINDE-MIG-SG3 (EN ISO 14341-A G 46 4 M21 4Si 1)

3. Intended use of uses of the product

Welding consumables used in metallic structures or in composite metal and concrete structures

4. Name, registered trade name and contact address of the manufacturer

Linde AG, Linde Gases Division, Seitnerstrasse 70, 82049 Pullach, Germany

5. Name and contact address of authorised representative whose mandate covers the tasks specified in Article 12(2)

Not applicable

6. Systems or systems of assessment and verification of constancy of performance

System 2+

7. Certificate no. (in case of the declaration of performance concerning a construction product covered by a harmonised standard)

Notified factory production control certification body number 0035 – TÜV Rheinland, Am Grauen Stein, 51105 Köln, Germany – performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control; Certificate no: 0035-CPR-C940

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued

Not applicable

9. Declared performance

| Essential characteristics (EN 13479: 2004, Annexe ZA) | Performance | Harmonised Technical Specification |
|--|----------------|------------------------------------|
| Tolerances on dimensions | Passed | EN 13479: 2004, EN ISO 544: 2011 |
| Elongation* | ≥ 20% | EN 13479 + EN ISO 14341 |
| Tensile strength* | 530–680 MPa | EN 13479 + EN ISO 14341 |
| Yield strength* | ≥ 460 MPa | EN 13479 + EN ISO 14341 |
| Impact strength* | ≥ 47 J (-40°C) | EN 13479 + EN ISO 14341 |
| Chemical composition | Passed | EN 13479: 2004 |
| Durability | Passed | EN 13479: 2004 |
| Dangerous substances | Passed | EN 13479: 2004 |
| Emission of radioactivity | Not relevant | EN 13479: 2004 |

* These performances relate to the all-weld-metal test conditions as stated in EN ISO 15792-1.

Safety data sheets according to regulations 1907/2006 and 1272/2008 are available at www.linde-gas.com.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by Dr Nic Bothma, Global Technical Manager – Hardgoods

Linde AG

Linde Gases Division, Seitnerstrasse 70, 82049 Pullach, Germany
Phone +49.89.7446-2339, Fax +49.89.7446-2071, www.linde-gas.com

