

# Declaration of Performance No. NSTAS-49

1. Unique identification code of the product-type:  
**Welding Consumable, Filler Wire, EN ISO 14341-A: G 46 2 M21 3Si1 / G 42 2 C1 3Si1**
2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:  
**NST Carbomig 2N**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
**Metallic Structures or composite metal and concrete structures**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):  
**Norsk Sveiseteknikk AS, P.O Box 171, N-3371 Vikersund, Norway**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
**Not applicable (see 4)**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:  
**System 2+**
7. The construction product is covered by the harmonized standard: **EN 13479:2004**  
**Notified body TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, D-51105 Cologne, GERMANY, identification number 0035 performed the initial inspection of the manufacturing plant of factory production control, and issued the certificate of constancy of conformity of the factory production control No. 0035-CPR-C906**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
**Not applicable (see 7)**
9. Declared performance:

Essential characteristics (EN 13479:2004 Annex ZA)	Performance	Harmonized technical specification
Tolerances on dimensions	Pass acc. to EN ISO 544:2011	EN 13479:2004
Elongation	≥ 22 %	
Tensile strength	M21 gas 530 - 680 N/mm <sup>2</sup> CO <sub>2</sub> gas 500 - 640 N/mm <sup>2</sup>	
Yield strength/point	M21 gas ≥ 460 N/mm <sup>2</sup> CO <sub>2</sub> gas ≥ 420 N/mm <sup>2</sup>	
Impact energy	M21 gas ≥ 27/47J at -30°/-20°C CO <sub>2</sub> gas ≥ 27/47J at -30°/-20°C	
Chemical composition	Pass acc. to purchase spec. NST NST Carbomig 2N Rev. 2	
Durability	Pass	
Dangerous substances	See MSDS	
Emission of radioactivity	Is not relevant	

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:

**Thomas Motzfeldt, Marketing Manager**

(Name and position)

Vikersund, Norway 15.06.2018

(Place and date of issue)

(Signature)

