

# Declaration of Performance No. NSTAS-44

1. Unique identification code of the product-type:  
**Welding Consumable, Filler rod, EN ISO 636-A: W 46 6 W3Ni1**
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 TIG ER80S-Ni1**
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
<b>Tolerances on dimensions</b>	<b>Pass acc. to EN ISO 544:2011</b>	<b>EN 13479:2004</b>
<b>Elongation</b>	<b>≥ 24 %</b>	
<b>Tensile strength</b>	<b>550 - 680 N/mm<sup>2</sup></b>	
<b>Yield strength/point</b>	<b>≥ 470 N/mm<sup>2</sup></b>	
<b>Impact energy</b>	<b>≥47 J at -60°C</b>	
<b>Chemical composition</b>	<b>Pass acc. to purchase spec. NST NST TIG ER80S-Ni1 Rev. 2</b>	
<b>Durability</b>	<b>Pass</b>	
<b>Dangerous substances</b>	<b>See MSDS</b>	
<b>Emission of radioactivity</b>	<b>Is not relevant</b>	

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    23.02.2016**

(Place and date of issue)

(Signature)

