

## Declaration Of Performance BS EN 15048 Part 1&2

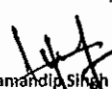
Declaration of performance no: NEXO/2015-2016/0121  
 Issued in accordance with Construction Product Regulation(305/2011/EEC)


<p>For the construction product</p> <p>1. Unique identification code for product type:</p> <p>2. Type, Batch No/Serial No: acc to article 11 par.4</p> <p>3. Intended use for construction product:</p> <p>4. Contact address of manufacturer: acc to article 11 par.5</p> <p>5. Contact address of authorised representative: acc to article 12 par.2</p> <p>6. Assessment system and verification for constancy of performance: acc to annex V</p> <p>7. Notified body: Notified body Address: Notified body No: Tuv (0045) performed initial inspection of the Factory Production Control and the continuous Surveillance Assessment and Evaluation of Factory Production Control against the requirements of Attestation System 2+ and issued the certificate of the Factory Production Control</p> <p>8. Construction of product with European Technical Assessment:</p>	<p>Components and assemblies from ferritic steels for high strength non-preloaded bolting assemblies</p> <p>Non Preloaded structural Bolting Assemblies</p> <p>Type and Lot -Number displayed on the packaging and As Per En 10204:2005 Type 3.1 Mill test Certificates</p> <p>Structural bolting Assemblies</p> <p>Nexo Industries Limited Village Mangarh ,Machhiwara Road Kohara Ludhiana(141003),Punjab,India.</p> <p>Amrit Singh sond Nexo Industries Limited Village Mangarh ,Machhiwara Road Kohara Ludhiana(141003),Punjab,India.</p> <p>Attestation system 2+</p> <p>TUV NORD Systems GmbH &amp; CO KG, Hamburg, Germany TUV 0045</p> <p>Certificate No. 0045-CPR-1603</p> <p>Conform to Standard EN 15048-1&amp;2 with grade 5.6 for BOLTS, &amp; Grade 5 for Nut</p>
---	---

Essential Characteristics	Performance	Harmonised technical specification
Dimensions & shape	Tolerance class A,B	DIN 7990:2008 & ISO 4034:2012
Bolt: 1. Tensile Strength 2. YS/0.2% Proof Stress 3. Wedge Load 4. Hardness (Rockwell) 5. Impact Strength 6. Release of dangerous substance 7. Elongation after fracture % 8. Durability (Corrosion Protection)	HEX BOLTS 500 N/mm <sup>2</sup> Min. 300 N/mm <sup>2</sup> Min. 500 N/mm <sup>2</sup> Min. 79-99.5 HRB 27 J Average (at -20° C) less than 0.2 ppm 20% Min. coating thickness 40 microns	EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 10684:2004 )
Nut : 1. Proof Stress 2. Hardness 3. Release of dangerous substance 4. Durability (Corrosion Protection)	HEX NUTS ISO 898 part2:2012 ISO 898 part2:2012 less than 0.2 ppm Min. coating thickness 40 microns	EN 15048-Part 1:2007 (ISO 898 part 2:2012 ) EN 15048-Part 1:2007 (ISO 898 part 2:2012 ) EN 15048-Part 1:2007 EN 15048-Part 1:2007 (ISO 10684:2004 )
Assemblies : 1. Tensile Resistance of the assembly 2. Durability (Corrosion Protection)	500 N/mm <sup>2</sup> Min. Min. coating thickness 40 microns	EN 15048-Part 1:2007 EN 15048-Part 1:2007 (ISO 10684:2004 )

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:

Name :  Ramandeep Singh  
 Position: GM Quality



Date : 31.12.2016

## Declaration Of Performance BS EN 15048 Part 1&2

Declaration of performance no: NEXO/2015-2016/0120  
 Issued in accordance with Construction Product Regulation(305/2011/EEC)

<p><b>For the construction product</b></p> <p>1. Unique identification code for product type:</p> <p>2. Type , Batch No/Serial No: acc to article 11 par.4</p> <p>3. Intended use for construction product:</p> <p>4. Contact adress of manufacturer: acc to article 11 par.5</p> <p>5. Contact adress of authorised representative: acc to article 12 par.2</p> <p>6. Assessment system and verification for constancy of performance: acc to annex V</p> <p>7. Notified body: Notified bodyAddress: Notified body No: Tuv (0045)performed initial inspection of the Factory Production Control and the continuous Surveillance Assessment and Evaluation of Factory Production Control against the requirements of Attestation System 2+ and Issued the certificate of the Factory Production Control</p> <p>8. Construction of product with European Technical Assessment:</p>	<p><b>Components and assemblies from ferritic steels for high strength non-preloaded bolting assemblies</b></p> <p><b>Non Preloaded structural Bolting Assemblies</b></p> <p>Type and Lot -Number displayed on the packaging and As Per En 10204:2005 Type 3.1 Mill test Certificates</p> <p><b>Structural bolting Assemblies</b></p> <p><b>Nexo Industries Limited</b>                  Village Mangarh ,Machhiwara Road                  Kohara Ludhiana(141003),Punjab,India.</p> <p><b>Amrit Singh sond</b>                  Nexo Industries Limited                  Village Mangarh ,Machhiwara Road                  Kohara Ludhiana(141003),Punjab,India.</p> <p>Attestation system 2+</p> <p>TUV NORD Systems GmbH &amp; CO KG,                  Hamburg ,Germany                  TUV 0045</p> <p>Certificate No. 0045-CPR-1603</p> <p>Conform to Standard EN 15048-1&amp;2 with Grade 4.6 for BOLTS, &amp; Grade 5 for Nut</p>
---	---

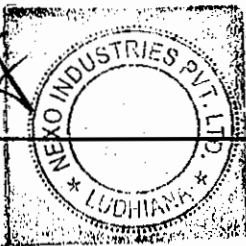
9. Declared Performance	Performance	Harmonised technical specification
Essential Characteristics	Performance	Harmonised technical specification
Dimensions & shape	Tolerance class A,B	DIN 7990:2008 & ISO 4034:2012
Bolt: 1. Tensile Strength 2. YS/0.2% Proof Stress 3. Wedge Load 4. Hardness (Rockwell) 5. Impact Strength 6. Release of dangerous substance 7. Elongation after fracture % 8. Durability (Corrosion Protection)	<b>HEX BOLTS</b> 400 N/mm <sup>2</sup> Min. 240 N/mm <sup>2</sup> Min. 400 N/mm <sup>2</sup> Min. 67-99.5 HRB 27 J Average (at -20° C) less than 0.2 ppm 22% Min. coating thickness 40 microns	EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 EN 15048-Part 1:2007 (ISO 898 part 1:2013 ) EN 15048-Part 1:2007 (ISO 10684:2004 )
	Nut : 1. Proof Stress 2. Hardness 3. Release of dangerous substance 4. Durability (Corrosion Protection)	<b>HEX NUTS</b> ISO 898 part2:2012 ISO 898 part2:2012 less than 0.2 ppm Min. coating thickness 40 microns
Assemblies : 1. Tensile Resistance of the assembly 2. Durability (Corrosion Protection)	400 N/mm <sup>2</sup> Min. Min. coating thickness 40 microns	EN 15048-Part 1:2007 EN 15048-Part 1:2007 (ISO 10684:2004 )

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:

Name : Ramandip Singh

Position: GM Quality



Date : 31.12.2016