



**Strojirenský zkušební ústav, s.p. (SZU) - Engineering Test Institute, Public Enterprise**  
Hudcova 424/56b, 621 00 Brno, Czech Republic  
Notified body identification number 1015

## **EC CERTIFICATE OF FACTORY PRODUCTION CONTROL**

Number: **1015-CPD-E-30-20396-13**

In compliance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD), as later amended, it has been stated that the construction product

**Assemblies and components for non-preloaded structural bolting assemblies  
according to EN 15048-1:2007**

technical specification: **see page 2 of this certificate**

placed on the market by: **Shih Hsang Ywa Industrial Co., Ltd.**  
**134 Shin-Lo Street, Kang Shan Dist., Kaohsiung City 820, Taiwan**

and produced in the factory: **Shih Hsang Ywa Industrial Co., Ltd.**  
**134 Shin-Lo Street, Kang Shan Dist., Kaohsiung City 820, Taiwan**

is submitted by the manufacturer to the initial type-testing of the product, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body No. 1015, Strojirenský zkušební ústav, s. p. (SZU) - Engineering Test Institute, Public Enterprise, has performed the initial inspection of the factory and of factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

**This certificate attests that all provisions concerning the attestation of factory production control described in the Annex ZA of the standard EN 15048-1:2007 were applied.**

Base of certificate: **Final Report No. 30-9893 dated 2013-06-27**

This certificate was first issued on **2013-06-28** and remains valid as long as the conditions laid down in the harmonised standard in reference or the manufacturing conditions in the factory or the factory production control (FPC) itself are not modified significantly.

Brno, Date **2013-06-28**



  
Ing. Pavel Šticha  
Director for Certification

Certificate No. E-30-20396-13.docx; Page 1/2



Certificate No. 1015-CPD-E-30-20396-13

Technical specification of the products:

Construction product (General requirements and tolerances)	Materials	Range of dimensions	Finish coatings *)
Bolt EN ISO 4017/EN ISO 4014 /DIN 931/DIN 933	EN ISO 898-1 Classes 8.8, 10.9	M(6 to 20) x (12 to 300)	PLN, BZP, YZP, HDG
Nut ISO 4032/DIN 934	EN ISO 898-2 Classes 8, 10	M(6 to 20)	PLN, BZP, YZP, HDG
Washer ISO 7091/DIN 125	Hardness Class HV 100 min.	M(6 to 20)	PLN, BZP, YZP, HDG

\*) Finish coatings: PLN - plain, BZP - Bright Zinc Plated, YZP - Yellow Zinc Plated, HDG - Hot Dip Galvanized

