

## Factory Production Control Certificate to BC 1:2012

In compliance with the Factory Production Control requirements of  
the Building and Construction Authority Singapore.

This is to certify that the Factory Production Control system of

### **Beijing Jinzhaobo High Strength Fastener Co., Ltd.**

In the factory located at:

Beijing Jinzhaobo High Strength Fastener Co., Ltd.-Yongnian Branch

Add: Guangfu Street, Export Produce Zone, Yongnian District,  
Handan, Hebei Province, China.

Has been assessed under the Factory Production Control  
requirements of BC 1: 2012 and conforms to its requirements for  
the production of:

### **Non-preloaded, Pre-loaded bolting assemblies and Stud shear connectors**

Of Annex I

This certificate remains valid provided that the annual surveillance  
of Factory Production Control system is performed and found  
satisfactory.

Certificate No.: BC1-DNV GL-SHA190322

First issue date: 2017-12-18

Current issue date: 2022-08-05

Expiry date: 2024-12-17



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Zhang Qingping  
Industrial Product Assurance Director  
on behalf of DNV SCPA

## Annex I to the Factory Production Control Certificate to BC1:2012

List of the certified bolting system and stud for approval:

standard	Steel grade	Dimension
EN 14399-3	8.8, 10.9	M12-M36
EN 14399-4	10.9	M12-M36
AWS D1.1	4.8	M10-M25; 3/8"-1"
JIS II-09	8.8, 10.9	M12-M30
JIS B 1186	8.8, 10.9	M12-M36
ISO 13918	S235, S355 <i>Limitation: C ≤ 0.2%, CEV ≤ 0.35%, Al ≥ 0.02%</i>	M10-M25
AS/NZS 1252.1	8.8, 10.9	M12-M36
EN 15048-1, -2	4.6, 4.8, 5.6, 5.8, 6.8, 8.8	M12-M48
EN 14399-5/6	Hardness range: 300-370 HV	M12-M36

Note:

- 1.This annex only covers certified materials mentioned in BC1:2012 appendix A.
- 2.Non-certified bolting systems as per ASTM F3125, EN 14399-10 are also produced in this FPC quality system.

### Terms and conditions for the certificate

The certificate is subject to the following terms and conditions:

- the certificate is only valid for the products and/or manufacturing premises listed above;
- the manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient;

The following may render this certificate invalid:

- Any deviation to application/limitation listed above
- Changes or amendments to the referenced standard