



China

CERTIFICATE

No. Z1GCN 121704 0010 Rev. 00

Holder of Certificate:

Shanghai VATTEN Valve Co., Ltd.
Minhang District
Floor 12, Building 30, Lane 160, Yinkang Road
201111 Shanghai City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Valve
Ball Valve

Evaluated according to:

IEC 61508-1:2010
IEC 61508-2:2010

Certification Rule:

GCN_CCB_GR_030CS

Certification Type:

Design Assessment + Inspection + Factory inspection +
Surveillance

It is certified that the product meets the requirements of certification rule and relevant normative documents. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition, the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Report no.:

7482549373-001

Valid until:

2027-11-06

Date, 2024-11-07

(Lei Zhang)



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Manufacturer: Shanghai VATTEN Valve Co., Ltd.
Minhang District, Floor 12, Building 30, Lane 160, Yinkang Road, 201111 Shanghai City, PEOPLE'S REPUBLIC OF CHINA

Production Facility(ies): Shanghai VATTEN Valve Co., Ltd.
Minhang District, Floor 12, Building 30, Lane 160, Yinkang Road, 201111 Shanghai City, PEOPLE'S REPUBLIC OF CHINA

Brand Name: VATTEN
Model(s): VXQ Series Ball Valve

Parameters:

System type: Type A

Size (Class): $1/2" \leq NPS \leq 16"$, Class150 to Class900, Temperature range: $-40^{\circ}\text{C} \sim +425^{\circ}\text{C}$

Systematic Capability: SC3

Safety Function Definition:

SIF1: "Correct switching on demand (open to closed) and tight for closing phase, in low demand mode of operation"

SIF2: "Correct switching on demand (closed to open), in low demand mode of operation"

Max SIL: SIL3