

THIS IS TO CERTIFY THAT

Yuhuan Kingjoy Metal Products Co., Ltd

has had the following products Certified by BuildCert Limited
to the requirements of

BS EN 1111:1999 Thermostatic Mixing Valves (High Pressure)⁽²⁾⁽³⁾

Products covered by this certification include

KJ8064131XXXXX (Double control series mixer valve, with variants of handles and face plates)

KJ8064135XXXXX (Triple control series mixer valve, variants of handles and face plates)

Incorporating Single Check Valves and Stainless Steel Strainers

Pass with Hydraulic Resistance Class S on both tin and triple outlets

Designations of use: HP-S and HP-W



Signature



Date

Certificate: BC1642/1115
Type Test & QMS.
Issue Date: 8th December 2015
Expiry Date: 12th November 2020

This approval is subject to continuing conformity with BuildCert requirements. The absence of a listing on the BuildCert website (www.buildcert.com) indicates that the approval is no longer valid

Note:

- ⁽¹⁾ **Excluding:** Clause 14 Acoustic Characteristics
- ⁽²⁾ **Excluding:** 6.1 Marking (Acoustic & Flowrate Class)
- ⁽³⁾ **Maximum Expiry Date – See Approval Letter**



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Certificate No: BC1642/1115
Sample No: BC1642



8th December 2015

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Dear Sir

Samples of the fittings described below have been subjected to relevant tests and examinations contained in the TMV2 requirements document TMV1 and **BS EN1111** (excluding acoustic requirements), and after considering the test reports the Technical Assessment Panel of BuildCerts' Thermostatic Mixing Valve Scheme finds that the fittings so described when correctly installed and commissioned, satisfies the requirements of the above standard(s). (For exclusions see the certificate of compliance).

BC1642/1115

'Kingjoy' 2 series of thermostatic shower mixers, wall mounted and concealed. Incorporating a 3 way diverter (outlet 1, outlet 2, closed) controlling the flow (double outlet models) and an additional ¼ turn ceramic disc on the triple outlet models. The temperature is controlled by a thermostatic cartridge and single lever, dome type or cross top operating members. The inlets incorporates a single check valve cartridge and stainless steel strainers. Maximum working pressure 10.0 bar.

Application Codes: HP-S and HP-W

Size: ¾" Female BSP inlets/outlets

Product Designations: KJ8064131XXXXX (Double control series mixer valve, with variants of handles and face plates)
KJ8064135XXXXX (Triple control series mixer valve, variants of handles and face plates)

Markings: Red and Blue dots on inlets. Handle laser etched Kingjoy.

Manufacturer: Yuhuan Kingjoy Metal Products Co., Ltd

License Expiry Date: 12th November 2020⁽³⁾
(Providing BuildCert annual requirements are met)



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The valves are suitable for the following applications with the following supply conditions:

Code	Operating Pressure range	Application
HP-S HP-W	High pressure High pressure	Shower - maximum temperature 41°C Washbasin - maximum temperature 41°C
Note: Flow Pressure HP 0.5~5 bar Supply Temperature Hot 55~65°C Cold ≤ 25°C Maximum Static Pressure 10bar		

The fittings described above are licensed for a period of 5 years from the date of the BuildCert Certificate. You will be advised when your product is due for audit and re-assessment. The extent of any testing required for the product will be at the discretion of the Schemes Technical Assessment Panel. ⁽³⁾ **This BuildCert approval is based upon the valve(s) satisfying the requirements for BS EN 1111: 1999. When the revised BS EN documents are re-published, all BuildCert approvals issued against the 1999 performance standard(s) will expire 2 years after the re-publication date.**

The manufacturer and/or applicant must maintain their ISO 9001 approval or the agreed quality system. Any change to the status of the quality system is required to be notified to the Scheme. A Certificate of compliance for the quality system is required to be sent to BuildCert annually.

Manufacturers or applicants may only quote in their sales literature, terms used in this letter when indicating the decision of the Panel in respect to their fittings, namely that the Technical Assessment Panel of the Scheme finds that the use of fittings, when correctly installed, commissioned and maintained, will not contravene the requirements of the BuildCert TMV2 Approval and that a reference to the fittings will be included within the approved valve list on the BuildCert website.

A condition of licensing is that no modification to the fittings described above shall be made without first notifying BuildCert and submitting details of the modification and, if so required, samples of the fitting or unit as so modified for consideration by the Technical Assessment Panel. Failure to comply with this condition will result in the withdrawal of the BuildCert license. Resubmission will only be allowed if permitted by the Technical Assessment Panel.

Your products are required to be replicas of the samples described above, one of which is retained by the Scheme for future reference. The right is reserved to carry out quality surveillance inspections of your production arrangements.

You are asked to verify the details of your product as set out in this letter are correct and advise us of any discrepancies.

Yours faithfully

Mr. Paul Taylor
BuildCert Director