

THIS IS TO CERTIFY THAT

Bristan Group Ltd

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

BS EN 1111:1999 Thermostatic Mixing Valves (High Pressure) ⁽¹⁾⁽²⁾
BS EN 1287:1999 Thermostatic Mixing Valves (Low Pressure) ⁽²⁾

Products covered by this certification include

TS1503 Range with handle and inlet variations
OP TS1503 EH C, OP TS1503 EL C, OP TS1503 ISOL C,
OP TS1503 CH C, OP TS1503CL C, OP TS1503 SCL C and TS1503ECP-2000-MK

**Are approved for the following designation:
HP-SE and LP-S**



Signature

19th November 2013

Date

Certificate: BC1196/0413
Type Test and QMS
Issue Date: 19th November 2013
Expiry Date: 25th April 2018

Excluding:

- (1) Acoustic Characteristics
- (2) 6.1 Marking



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 The absence of a listing on the BuildCert website (www.buildcert.com) indicates that the approval is no longer valid



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Certificate No: BC1196/0413
Sample No: BC1196



19th November 2013

Mr. Peter Manning
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Dear Mr. Manning

Samples of the fittings described below have been subjected to relevant tests and examinations contained in the TMV2 requirements document TMV1 and **BS EN1111 and BS EN1287** (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).

BC1196/0413

TS1503 range of concealed and exposed thermostatic blending valves (chromium plated brass bodies) incorporating a sequential headwork controlling both flow and temperature. Models have either dome type or single lever operating members. Inlets incorporate single check valve cartridges, plastic filters and plastic flow regulators. Maximum working pressure 10.0 bar.

Application Codes: HP-SE and LP-S

Size: 15mm compression inlets

Product Designations: TS1503 with handle and inlet variations
OP TS1503 EH C, OP TS1503 EL C, OP TS1503 ISOL C,
OP TS1503 CH C, OP TS1503CL C, OP TS1503 SCL C and
TS1503ECP-2000-MK

Markings: Red and Blue dots on base of valve body. Bristan laser etched on handle.

Factor: Bristan Group Ltd

License Expiry Date: 25th April 2018
(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-SE LP-S	High pressure Low pressure	Shower Economy - maximum temperature 41°C Shower - maximum temperature 41°C
Note: Flow Pressure HP 0.5~5 bar LP 0.1~1 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.

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 General Manager