

GUIDANCE ON USE

Ball Valves & Manifolds

6. BALL VALVES

6.1 MATERIALS.

- 6.1.1 Materials must be compatible with medium.
- 6.1.2 Pressure and temperature also have direct bearing on the correct material to be used and must be considered when specifying. See pressure / temperature ratings table contained in our printed literature.
- 6.1.3 If in any doubt, consult the manufacturer.

6.2 THREADS AND JOINTING.

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- 6.2.1 See Pressure Gauges Guidance on use Para.2.7 where same recommendations apply.
- 6.2.2 Particular care must be taken to ensure the valve has the correct pressure rating for the application.

6.3 INSTALLATION

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- 6.3.1 When joining up a valve to the system, depending on certain conditions of size etc., this may generate pressure, which must be released in a controlled manner.
- 6.3.2 Manifolds and equalising valves are accompanied by specific installation instructions and these should be referred to before proceeding with installation.
- 6.3.3 On installation valves should be fitted in the open position to prevent build up of unregistered pressure. Care should therefore be taken to confirm that all systems are sealed before pressurising.

6.4 MAINTENANCE

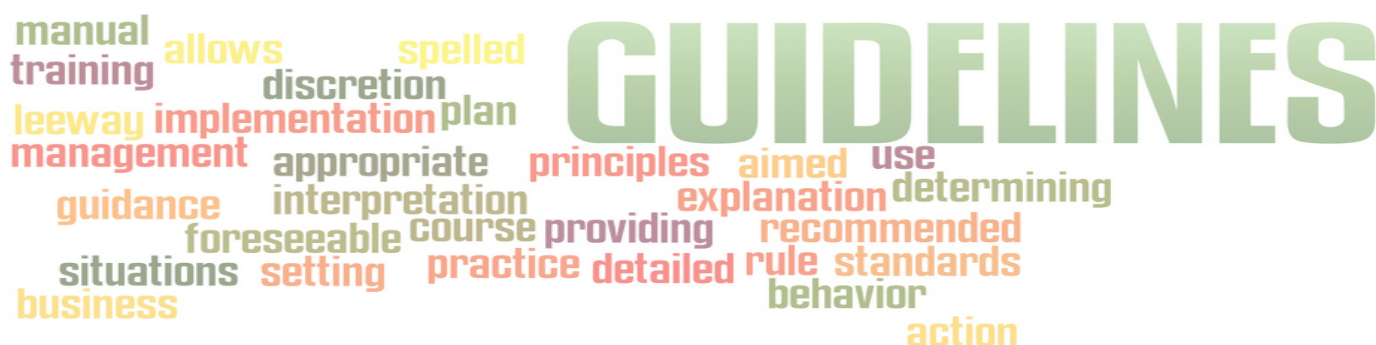
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- 6.4.1 Valves etc. should be part of a planned maintenance programme to ensure they continue to function properly.
- 6.4.2 The time interval between examinations will vary depending upon site conditions, the number of opening and shutting operations etc. and should be determined in the light of experience.
- 6.4.3 Threaded connections should be checked for leaks and tightened as required.

6.5 REPAIRS - Refer to Manufacturer.

6.6 SPARES

- 6.6.1 We recommend that spares should be held in the form of complete valve assemblies.

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WARNING – For Your Safety—USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Stewart-Buchanan, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

IT IS SOLELY THE RESPONSIBILITY OF THE SYSTEM DESIGNER AND USER TO SELECT PRODUCTS SUITABLE FOR THEIR SPECIFIC APPLICATION REQUIREMENTS AND TO ENSURE PROPER INSTALLATION, OPERATION AND MAINTENANCE OF THESE PRODUCTS, MATERIAL COMPATABILITY, PRODUCT RATINGS AND APPLICATION DETAILS SHOULD BE CONSIDERED IN THE SELECTION.

The user through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyse all aspects of the application; follow applicable industry standards; and follow the information concerning the product in the current product catalogue and in any other materials provided by Stewart-Buchanan or authorized distributors.

To the extent that Stewart-Buchanan or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

(Please refer to our Guidance on Use of Equipment document).



OFFER OF SALE

The items described in this document are hereby offered for sale by Stewart-Buchanan its subsidiaries or its distributors. Any order accepted by Stewart-Buchanan will be subject to our terms and conditions of sale, copy available on www.stewarts-group.com, or by request.

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