



水務署

Water Supplies Department

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Reference (5) in WSD 3321/17 Pt.1 T/J(1212)

3 October 2017

Approval of "D&S" Flush Valve

Your letter ref. KA/159 dated 4 September 2017 and subsequent clarification by email on 12 September 2017 refer.

Having considered the test report ref. J20954r3 issued on 29 August 2017 by Nutek Systems (HK) Ltd., this Authority accepts that the fitting described below complies with, and its use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: KST (Xiamen) Water-saving Facilities Co Ltd

Country of Origin: China

Brand: D&S

Details of Fitting: 1/2" Flush valve for urinal

Model: DS-JAN21

Body Markings: Nil

Expiry Date: 5 June 2022

Proviso: As the fitting has not been tested for use in contact with water intended for human consumption, the fittings can only be used in flushing water plumbing systems.

This Authority hereby permits the use of the above fitting in flushing water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirement-

"Installation of filters before flushing valves is required. Without the filters, the flushing valves are liable to leak. The installed filters need frequent inspection and cleaning to maintain flushing supply. Normally only public toilets with good management system for maintenance would be considered."

"A stop cock or gate valve must be installed at the upstream of the fitting for manual isolation of water supply."

"The design flushing volume of the flushing valves should be compatible with the toilet bowl to ensure that effective clearance can be achieved by a single flush of water." AND

"Flushing valves should be used within the range of working pressures specified by the manufacturer."

A condition of this acceptance is that the fitting to be installed shall be replicas of the sample as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fitting installed fails to meet that of the approved sample or if the fitting is found to be unsuitable for use in flushing water plumbing systems.

For the use of the fitting in any project, the Acceptance Reference Number at the bottom of this letter must be quoted as a means of identification of acceptance of the fitting by this Authority.

Should you have any enquiries, please contact our Engineer Mr Terry KUNG at tel. no. 2294 2656.

Yours faithfully,



(CHAN Chung Kun)
for Water Authority

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



DS-JAN21