



水務署
Water Supplies Department

總部 Headquarters

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本署檔號 : (2) in WSD 3321/2024 T/J(687/2024)
Our ref.
來函檔號 :
Your ref.

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11 November 2024

**Approval of "RIGEL" Sensor Flush Valve
(General Acceptance No. C20240803F)**

Your E-Application [file-id: ETJ-GA-20240716-203] dated 23 July 2024 and subsequent submissions received by this department up to 16 October 2024 refer.

Having considered the test report ref. J29856r1 issued on 15 August 2024 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: Rigel Technology (S) Pte Ltd

Country of Origin: the Mainland of China

Brand: Rigel

Details of Fitting: 1/2" Sensor flush valve for urinal

Model: RL-AFS20xxxxy-SW
(where "xxx" denotes the code of button and faceplate design and "y" denotes the code of power source)

Body Markings: **RIGEL**

Expiry Date: 27 May 2029

Proviso: As the fitting has not been tested for use in contact with water intended for human consumption, the fitting 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 filter before flushing valve is required. Without the filter, the flushing valve is liable to leak. The installed filter 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 valve should be compatible with the toilet bowl to ensure that effective clearance can be achieved by a single flush of water."

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

"Installation of electronic opening and closing sanitary tapware should also comply with the requirements of Electrical & Mechanical Services Department."

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 General Acceptance Number 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 Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)

for Director of Water Supplies

Encl.

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



RL-AFS20xxxy-SW