



水務署
Water Supplies Department

總部 Headquarters

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本署檔號 : (1) in WSD 3318/50 Pt. 9
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20 June 2022

Distribution: To all Licensed Plumbers and Authorized Persons

Dear Sirs,

WSD Circular Letter No. 4/2022

**New Requirements on Inspection of carrying out
Non-Destructive Tests at Solder Joints**

To ensure quality of fresh water in inside service, the Licensed Plumbers (LPs) are responsible to ensure the plumbing works and the corresponding testing in full compliance with the requirements in the Waterworks Ordinance, the Waterworks Regulations, the WSD Circular Letters, as well as the publications “Technical Requirement for Plumbing Works in Buildings” and “Guide to Application for Water Supply”.

2. Currently, during inspection of the inside service, non-destructive tests of lead content at solder joint samples selected by the Water Authority (WA) shall be carried out according to the requirements set out in Section 4.3.4 and Appendix 12 of “Guide to Application of Water Supply”.

3. WSD has the responsibility to remind the plumbing trade that the *procedures stated in the instruction manual by the corresponding manufacturer should be strictly followed* when conducting the said non-destructive tests. Special attention should be paid to the specified sequence of each step and time limitation on



the overall testing process, techniques of activation and handling of the testers, provision of test assurance checking, clarity of the results, etc.

Additional Requirements

4. To ensure the procedures stated in the manufacturer's instruction manual are strictly followed to conduct the tests effectively, the responsible LP or his/her representative should give a briefing to the WSD staff on the procedures he/she would follow and shall be agreed with the WSD staff who are going to witness the test prior to conducting the non-destructive tests at solder joint. The WA may request the LP or his/her representative to carry out further tests if the tests are considered not carried out strictly according to the manufacturer's instruction manual.

Effective Date

5. The above new requirements will take immediate effect.

Enquiry

6. Should you have any enquiry, please contact our Engineer/Technical Support(4) at telephone no. 2829 5657.

Yours faithfully,

(Original Signed)

(YAU Hau Yin)

for Water Authority

(with Chinese translation)

c.c.

Housing Department (Attn: SM/QM)

Buildings Department

Architectural Services Department

Fire Services Department

The Hong Kong Housing Society

The Hong Kong Institute of Architects

The Hong Kong Institution of Engineers

The Hong Kong Institute of Surveyors

The Chartered Institute of Plumbing and Heating Engineering – Hong Kong Branch

Hong Kong Plumbing and Sanitary Ware Trade Association Ltd.

Hong Kong Licensed Plumbing Professionals Association Ltd.

Hong Kong Water Works Professionals Association Ltd.

The Hong Kong Institution of Plumbing and Drainage Ltd.

Plumbing Technology Student Association

The Association of Registered Fire Service Installation Contractors of Hong Kong Limited

Real Estate Developers Association of Hong Kong

Hong Kong Institute of Vocational Education

Hong Kong Institute of Construction, Construction Industry Council

The Hong Kong Construction Association, Ltd.

Hong Kong General Building Contractors Association Ltd.

The Hong Kong Federation of Electrical & Mechanical Contractors Ltd.

Contractor's Authorised Signatory Association Ltd.

Registered Minor Works Contractor Signatory Association Ltd.

Hong Kong Registered Contractors Association Company Ltd.

Hong Kong Licensed Plumbers Union Limited

Hong Kong Metropolitan University Li Ka Shing School of Professional and Continuing Education

The Association of Electrical and Mechanical Engineering (Hong Kong) Ltd.

Pipeman Engineering (International) Limited

Hong Kong Institute of Water and Sanitation Safety

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