



水務署

Water Supplies Department

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Reference

(23) in WSD 3318/50 Pt.6

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Distribution: To all Licensed Plumbers

Dear Sirs,

## Proper Use of Fluxes in Soldering

The fluxes commonly used in soldering may oxidize with copper pipe forming copper oxidation products. Therefore, the Licensed Plumbers are requested to observe the following points for proper use of fluxes in soldering and adequate flushing of plumbing system.

### (i) Proper Use of Fluxes

- strictly follow the manufacturer's instructions when applying the flux;
- not to use excessive flux;
- wipe off any excess flux.

### (ii) Adequate Flushing of Plumbing System

- remove the strainers at the water taps and flush thoroughly the plumbing system before effect of water supply so as to remove any flux residues or copper oxidation products that may be formed;

Should you have any enquiries, please feel free to contact my Engineer – Ms Irene TONG at 2829 5657.

Yours faithfully,

(Original Signed)

( Roger WONG )  
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 Council

Hong Kong Plumbing and Sanitary Ware Trade Association Ltd.

Hong Kong Licensed Plumbing Professionals Association Ltd.

Hong Kong Plumbing General Union

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

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

Building Services Operation and Maintenance Executives Society

The Hong Kong Air Conditioning and Refrigeration Association Ltd

Hong Kong Licensed Plumbers Union Limited

Li Ka Shing Institute of Professional and Continuing Education, The Open University of  
Hong Kong

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