

(with Chinese Translation)

Office of the Water Authority

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Reference (1) in WWO 33/2198/91 TJ(1)

Date 23 July 1991

Distribution : To all Licensed Plumbers and
Authorized Persons

Dear Sir

WSD Circular Letter No. 1/91

**Use of Galvanised Steel Pipes and Fittings
with Protective Internal Lining on Cold Water Inside Services**

With immediate effect, the Water Authority will consider and approve application for the use of galvanised steel pipes and fittings with protective lining bonded to the interior surface of pipes on cold water services subject to the following conditions :-

- (a) the steel pipes and fittings shall be galvanised and shall comply with BS1387 for medium tubes and tubulars and with BS143 and 1256 for malleable cast iron and cast copper alloy pipe fittings respectively as stipulated in the Second Schedule of the Waterworks Regulations.
- (b) the protective lining material may be made up of epoxy, unplasticised polyvinyl Chloride or polyethylene conforming to a recognised National/International Standard which is acceptable to the Water Authority.
- (c) the material for the protective lining shall also be tested for suitability for use in potable water supply and comply with the requirements in BS6920 - "Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water".

Notwithstanding the above, the use of unlined galvanised steel pipes and fittings shall continue to be permitted.

Yours faithfully,

Signed

(K Y MAK)
for Water Authority

c.c. Hong Kong Licensed Plumbers Association Ltd
Hong Kong Plumbing and Sanitary Ware Trade Association Ltd
The Association of Registered Fire Services Installation
Contractor of Hong Kong
Hong Kong & Kowloon Ironwork Workers Union
Hong Kong Construction Industry Employees General Union
Hong Kong Licensed Plumbers Association Ltd
Institute of Plumbing Hong Kong Council
Vocational Training Council - Gas Industry Training Centre
Housing Department
Architectural Services Department
Hong Kong Institute of Architect
All Chief Engineers/Region
SE/Region(2)
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I/Region(CS)
CE/RA
SE/RA(3)
E/RA(4)
WWO 15/3318/81
WWO 26/2198/86

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