



水務署  
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號 : ( 6 ) in WSD 3321/2023 T/J(688/2023)  
Our ref.  
來函檔號 :  
Your ref.

電話 :  
Tel.  
傳真 : 2824 0578  
Fax.

20 October 2023

**Approval of “OPAL” Copper Pipes  
(General Acceptance No. A20230024)**

Your letter ref. BK2023-DL-OPAL-002 dated 29 June 2023 and subsequent submissions received by this department up to 28 September 2023 refer.

The licence no. KM 91198 has been examined. It is noted that the British Standards Institution (BSI) has granted Zhejiang Hailiang Co Ltd the right and licence to use the Kitemark for goods as set out below. This Authority accepts that the pipes described below based on Kitemark certificate and test report ref. BC-SUMMARY-2023-086 issued on 18 September 2023 by Castco Testing Centre Limited comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

**Name of Manufacturer:** Zhejiang Hailiang Co Ltd

**Country of Origin:** the Mainland of China

**Brand:** OPAL

**Details of Pipes:**

Copper pipes (Type X)

| Temper | Size (mm)                                              |
|--------|--------------------------------------------------------|
| R250   | 15x0.7, 22x0.9, 28x0.9                                 |
| R290   | 35x1.2, 42x1.2, 54x1.2, 66.7x1.2,<br>76.1x1.5, 108x1.5 |

**Body Markings:**

BE EN1057 DIA x Wall Temper Brand Year / Month

**Expiry Date:**

25 August 2024

In view of BSI granting licence to Zhejiang Hailiang Co Ltd on BS EN 1057 "Copper and copper alloy. Seamless, round copper tubes for water and gas in sanitary and heating applications" as mentioned above, approval is hereby given to the said water supply pipes to be used on fresh water plumbing systems and fresh water fire services systems subject to full adherence to Waterworks installation requirements.

This Authority reserves the right to withdraw the approval given to the use of the water supply pipes if they are found afterwards not suitable for use in the water supply systems mentioned above in terms of quality or unacceptability of material.

For the use of the pipes in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the pipes by this Authority.

Should you have any enquiries, please contact our Engineer Ms Winnie LO 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