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Certificate No: LR2006477WA Issue Date: 10/07/2020 Expiry Date: 09/07/2023

## Copper Alloy Castings For Valves, Liners, Bushes And Fittings

Manufacturer VIS VANA SAN ITH IHR TIC LTD STI

Address Türkoba Mh. Atatürk 2 Cad. No 232/1, 34500 Büyükçekmece, Istanbul, Turkey

**Type** Copper Alloy Castings for Valves, Liners,

**Bushes and Fittings** 

Scope of Approval Copper Alloy Castings for Valves, Liners, Bushes and Fittings.

**Long Freezing Range Alloys** 

**Leaded Gunmetal:** 

CuSn5Zn5Pb5, CuSn7Zn2Pb3, CuSn7Zn4Pb7, CuSn6Zn4Pb2

Maximum weight, 0.5 tonnes.

Weld repairs not permitted.

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



Ataturk Caddesi, Sitkibey Plaza, No 82 Kat 3 Daire 12, Kozyatagi, Istanbul, Turkey

## A. Timurhan Baytekin

Marine Senior Surveyor to Lloyd's Register Gozetim Ltd Sti A member of the Lloyd's Register group

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## Copper Alloy Castings For Valves, Liners, Bushes And Fittings

| Copper Alloy<br>Castings for Valves,<br>Liners, Bushes and<br>Fittings | Leaded gunmetal | Grades      | Maximum Weight | Units  |
|--|-----------------|-------------|----------------|--------|
| -  | -               | CuSn5Zn5Pb5 | 0.50           | Tonnes |
| -  | -               | CuSn7Zn2Pb3 | 0.50           | Tonnes |
| -  | -               | CuSn6Zn4Pb2 | 0.50           | Tonnes |
| -  | -               | CuSn7Zn4Pb7 | 0.50           | Tonnes |



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