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

<b>Manufacturer</b>	<b>Maatmetaal Rotterdam B.V.</b>
<b>Address</b>	Terbregseweg 173, Rotterdam, 3056 JV, Netherlands
<b>Type</b>	Copper Alloy Castings for Valves, Liners, Bushes and Fittings

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.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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**Gavin Young**

Senior Metallurgist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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

Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Leaded gunmetal	Grades	Maximum Weight	Units
As cast	-	CuSn5Zn5Pb5	2.00	Tonnes
As cast	-	CuSn7Zn4Pb7	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Gunmetal	Grades	Maximum Weight	Units
As cast	-	CuSn10Zn2	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Phosphor bronze	Grades	Maximum Weight	Units
As cast	-	CuSn12	2.00	Tonnes

### Additional Remarks

Approved for centrifugal castings only.  
Not approved for weld repairs.  
Approved for castings in as-cast condition only.



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