
Copper Alloy Castings For Valves, Liners, Bushes And Fittings

Manufacturer	CANADIAN SPECIALTY CASTINGS
Address	4248 BROUGHTON AVENUE, Niagara Falls, L2E 3K6, Canada
Type	Long Freezing Range Alloys

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

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	Leaded bronze	Grades	Maximum Weight	Units
-	-	CuSn9Pb15	4.00	Tonnes
-	-	CuSn10Pb10	4.00	Tonnes
-	-	CuSn5Pb20	4.00	Tonnes
-	-	CuSn5Pb9	4.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Leaded gunmetal	Grades	Maximum Weight	Units
-	-	CuSn6Zn4Pb2	4.00	Tonnes
-	-	CuSn7Zn4Pb7	4.00	Tonnes
-	-	CuSn5Pb5Zn5	4.00	Tonnes
-	-	CuSn7Pb3Zn3	4.00	Tonnes
-	-	CuSn7Zn2Pb3	4.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Phosphor bronze	Grades	Maximum Weight	Units
-	-	CuSn11P	4.00	Tonnes
-	-	CuSn12	4.00	Tonnes
-	-	CuSn10P	4.00	Tonnes
-	-	CuSn10PbP	4.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Gunmetal	Grades	Maximum Weight	Units
-	-	CuSn10Zn2	4.00	Tonnes



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Additional Remarks

Grades shown in this approval certificate that are not included in the LR Rules for Materials and additionally alloys UNS C90700 and UNS C94700 may be issued with LR certification where a specific application in the grade has been agreed for a LR project and this application is covered by a LR design appraisal document.

Not approved for weld repairs.



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