

Certificate No : MD00/2184/0005/7b

CANADIAN SPECIALTY CASTING INC.
4248 Broughton Avenue
P.O. Box 838
Niagara Falls
Ontario L2E 6V6
Canada

has been approved as a manufacturer in accordance with the requirements of
Lloyd's Register for :-

Copper Alloy Castings for Valves, Liners, Bushes and Fittings

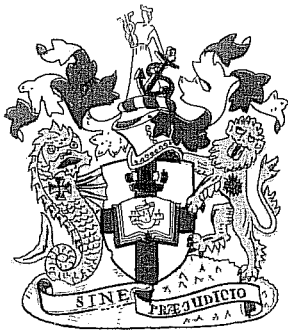
This approval is subject to compliance with the Rules for the Manufacture, Testing and
Certification of Materials. The full details of the processes and grades to which this
approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this
Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given
below.

Valid Until : 16 December 2012
Date of Issue : 04 May 2010

Lili Hou
Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register Group



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Appendix 1

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Long freezing range alloys	Alloy Type	Designation	tonnes Maximum
	Phosphor bronze	CuSn10PbP*	4.00
		CuSn10P*	4.00
		CuSn11P	4.00
	Gunmetal	CuSn10Zn2	4.00
	Leaded gunmetal	CuSn5Pb5Zn5	4.00
		CuSn7Pb3Zn3*	4.00
	Leaded bronze	CuSn10Pb10	4.00
		CuSn5Pb9	4.00
		CuSn9Pb15*	4.00
		CuSn5Pb20	4.00

Alloy UNS C90700 may be accepted for approved applications

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