



Certificate No : MD00/2761/0003/7b

TRARYDS METALL AB
Gränsvägen 4
SE-287 34 Strömsnäsbruk
Sweden

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 : 08 December 2009
Date of Issue : 15 February 2007



J R Coupland
Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register Group

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**Lloyd's
Register**



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Appendix 1

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Long freezing range alloys	Alloy Type	Designation	Concentrations Maximum
	Phosphor bronze	CuSn10PbP	0.10
		CuSn10P	0.10
		CuSn11P	0.10
	Gunmetal	CuSn10Zn2	0.10
	Leaded gunmetal	CuSn5Pb5Zn5	0.10
		CuSn7Pb3Zn3	0.10

Weld repairs not allowed.

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