

Certificate No : MD00/4808/0001/7b

Appendix 1

PTC INDUSTRIES LIMITED

Advanced Manufacturing and Technology Centre

NH-25 A

Sarai Sahjadi,

Lucknow 224401,

Uttar Pradesh

India

Short freezing range alloys	Alloy Type	Designation	tonnes Maximum
	Aluminium bronze	CuAl10Fe5Ni5	0.70
		CuAl11Fe6Ni6	0.70

Valid Until : 15 October 2021

Date of Issue : 16 October 2018

**Certificate No : MD00/4808/0001/7b**

**PTC INDUSTRIES LIMITED  
Advanced Manufacturing and Technology Centre  
NH-25 A  
Sarai Sahjadi,  
Lucknow 224401,  
Uttar Pradesh  
India**

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 : 15 October 2021  
Date of Issue : 16 October 2018**