



## Copper Alloy Castings For Propellers

**Manufacturer**      **JC Navalips, S.L.U.**

**Address**              Avda. Juan Carlos I, núm. 3, Maliaño, Cantabria, Cantabria, 39600, Spain

**Type**                  Copper Alloy Castings For Propellers

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.

**Approval Notes**      **Welding repair is not permitted for Cu4 propeller**



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**Li Xu**

Lead Specialist - Fracture Mechanics and Fatigue Analysis to Lloyd's Register EMEA  
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## Copper Alloy Castings For Propellers

Copper Alloy Castings for Propellers	Propellers	Grades	Maximum Weight	Units
-	-	Cu1	15.00	Tonnes
-	-	Cu3	15.00	Tonnes
-	-	Cu4	15.00	Tonnes



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