



CHINA CLASSIFICATION SOCIETY

CCS Rule Change Notice For:

**RULES FOR MATERIALS
AND WELDING**

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Beijing

Introduction

This rule change notice mainly includes revision of contents related to piping heat treatment and correction of errors in the Figure for Keel Type Test Sample for copper alloy propellers.

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PART ONE METALLIC MATERIALS

CHAPTER 4 STEEL PIPES AND TUBES

Section 1 GENERAL PROVISIONS

4.1.5 Heat treatment

4.1.5.1 If required by CCS, all pipes and tubes are to be heat treated and supplied in the appropriate conditions detailed in the relevant Sections of this Chapter.

Section 3 WELDED PRESSURE PIPES

4.3.3 Heat treatment

4.3.3.1 Steel pipes are to be heat treated as follows:

(1) If required by CCS, pipes in carbon and carbon-manganese steels are to be normalized, or normalized and tempered at the option of the manufacturer;

CHAPTER 9 OTHER NON-FERROUS MATERIALS

Section 1 COPPER ALLOY PROPELLERS

9.1.5.1 For cast copper alloy propellers, separately cast keel block type test samples as given in Figure 9.1.5.1 are generally used. Where possible, test bars attached on blades are to be located in an area between $0.5 R$ and $0.6 R$ (R being the radius of the propeller). Separately cast test samples in accordance with other recognized standards may be used.

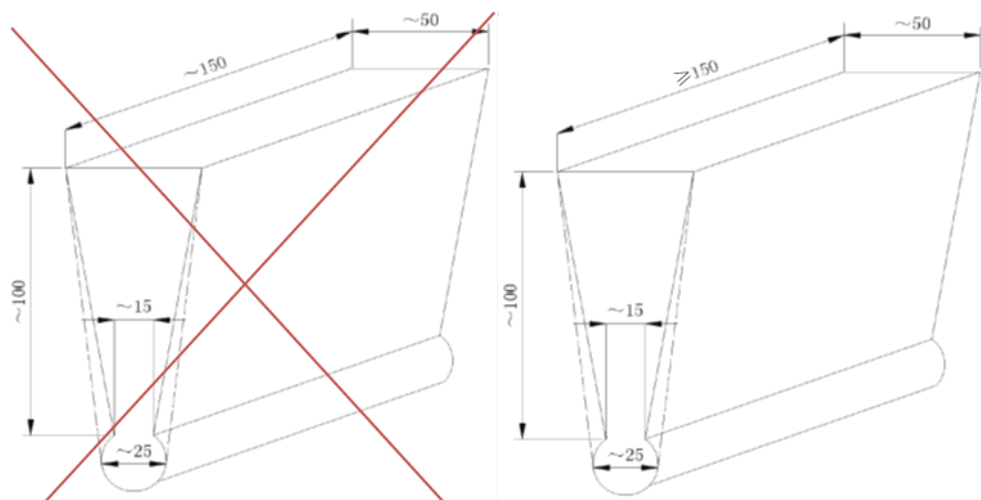


Figure 9.1.5.1 Keel Type Test Sample