

Application for Approval of Manufacturing Process of Castings and Steel Forgings

To: NIPPON KAIJI KYOKAI

Date: _____

Branch _____

Ref. No.: _____

Name of applicant: _____

Person in charge: _____

Tel: _____

E-mail: _____

We hereby request

 approval renewal approval change in the approved content revocation of approval

of the manufacturing process of castings and steel forgings in accordance with the relevant requirements specified in Part K of the *Rules for the Survey and Construction of Steel Ships*, Part 2 of *Guidance for the Approval of Materials and Equipment for Marine Use*, and the correspondingly applied provisions of *CONDITIONS OF SERVICE FOR CLASSIFICATION OF SHIPS AND REGISTRATION OF INSTALLATIONS*.

1. Name of works: _____

2. Address of works: _____

3. Kind of products: _____

 Component parts for hull Component parts for diesel engines Crankshafts Component parts for shafting Component parts for power transmission gears Component parts for steam turbines Component parts for piping Component parts for cargo gears Component parts for boilers and pressure vessels Component parts for ships carrying liquefied gases in bulk Others (_____)

(In the case where the applicants apply for approval of crankshafts, the forging methods should be stated in the below "Note")

4. Material classifications: _____

(The intended material classifications should be selected from Table of the reverse side)

5. Material grades: _____

(The intended material grades should be filled in Table of the reverse side)

6. Manufacturing process: _____

(The intended manufacturing process should be filled in Table of the reverse side)

7. Condition of supply: _____

(The intended condition of supply should be filled in Table of the reverse side)

8. Max. weight for approval: _____

(The intended max. weight should be filled in Table of the reverse side)

9. Max. thickness or diameter _____

(The intended max. thickness or diameter should be filled in Table of the reverse side)

10. In-house process: _____

 Ingot casting Casting Forging Forging/Rolling Heat treatment

11. Outsourced process: _____

 N.A. Ingot casting (Name of works [Approval No.]: _____) Casting (Name of works [Approval No.]: _____) Forging (Name of works [Approval No.]: _____) Forging/Rolling (Name of works [Approval No.]: _____) Heat treatment (Name of works [Approval No.]: _____)

12. Miscellaneous: _____

13. Approval No./Certificate No.: _____

(In case of Renewal / Change / Revocation) _____

Note: _____

Table: Details of Castings and forgings

Material classifications		Material grades	Manufacturing process	Condition of supply	Max. weight (kg)	Max. thickness or diameter (mm)	
Castings	<input type="checkbox"/> Carbon steel castings (5.1, Chapter 3, Part K of NK Rules)				Product:	Product:	
					Semi-finished product:	Semi-finished product:	
	<input type="checkbox"/> Alloy steel castings (5.1, Chapter 3, Part K of NK Rules)					Product:	Product:
						Semi-finished product:	Semi-finished product:
	<input type="checkbox"/> Stainless steel castings (5.3, Chapter 3, Part K of NK Rules)					Product:	Product:
						Semi-finished product:	Semi-finished product:
	<input type="checkbox"/> Steel castings for low temperature services (5.4, Chapter 3, Part K of NK Rules)					Product:	Product:
						Semi-finished product:	Semi-finished product:
	<input type="checkbox"/> Spheroidal graphite iron castings (5.5, Chapter 3, Part K of NK Rules)					Product:	Product:
						Semi-finished product:	Semi-finished product:
	<input type="checkbox"/> Grey iron castings (5.6, Chapter 3, Part K of NK Rules)					Product:	Product:
						Semi-finished product:	Semi-finished product:
	<input type="checkbox"/> Others					Product:	Product:
						Semi-finished product:	Semi-finished product:

Table: Details of Castings and forgings

Material classifications		Material grades	Manufacturing process	Condition of supply	Max. weight (kg)	Max. thickness or diameter (mm)
Forgings	<input type="checkbox"/> Carbon steel forgings (6.1, Chapter 3, Part K of NK Rules)				Product:	Product:
	<input type="checkbox"/> Alloy steel forgings (6.1, Chapter 3, Part K of NK Rules)				Product:	Product:
	<input type="checkbox"/> Stainless steel forgings (6.2, Chapter 3, Part K of NK Rules)				Product:	Product:
	<input type="checkbox"/> Steel forgings for low temperature services (6.4, Chapter 3, Part K of NK Rules)				Product:	Product:
	<input type="checkbox"/> Others				Product:	Product: