Form 2-2B

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Application for Approval of Manufacturing Process of Chain Accessories** | | | | | | | | | | |  |
|  |  |
|  | To: NIPPON KAIJI KYOKAI | | | |  | | | Date: | | |  |  |
|  |  | | Branch | | | | | Ref. No.: | | |  |  |
|  |  | |  | | | | |  | | |  |  |
|  | Name of applicant: | |  | | | | | | | | |  |
|  | Person in charge: | |  | | | | | | | | |  |
|  |  | | Tel: | | | | | |  | Fax: | |  |
|  |  | | E-mail: | | | | | | | | |  |
|  |  | |  | | | | | | | | |  |
|  | We hereby request | | | | | | | | | | |  |
|  | approval　renewal approval　change in the approved content 　revocation of approval | | | | | | | | | | |  |
|  | of the manufacturing process of chain accessories in accordance with Chapter 3, Part 2 of Guidance for The Approval and Type Approval of Materials and Equipment for Marine Use. | | | | | | | | | | |  |
|  |  | | | | | | | | | | |  |
|  | 1. Name of works: |  | |  | | | | | | | |  |
|  | 2. Address of works: |  | |  | | | | | | | |  |
|  | 3. Kind of chain accessories: | | | *(The intended chain accessories should be selected from Table of the reverse side)* | | | | | | | |  |
|  | 4. Kind of products: | | | *(The intended products should be selected from Table of the reverse side)* | | | | | | | |  |
|  | 5. Manufacturing process: | | | *(The intended manufacturing process should be selected from Table of the reverse side)* | | | | | | | |  |
|  | 6. Kind of materials for chain accessories: | | | Castings  Forgings | | (Material grades: )  (Material grades: ) | | | | | |  |
|  | 7. Heat treatment: | | | Anchor chain accessories  Normalized Normalized and tempered  Quenched and tempered  Chain accessories for offshore mooring  Normalized Normalized and tempered  Quenched and tempered | | | | | | | |  |
|  | 8. In-house process: | | | Ingot casting　Casting　Forging Heat treatment | | | | | | | |  |
|  | 9. Outsourced process: | | | N.A.  Ingot casting  Casting  Forging  Heat treatment | | | (Name of works [Approval No.]: 　　　　　 )  (Name of works [Approval No.]: 　　　　 )  (Name of works [Approval No.]: 　　　　　 )  (Name of works [Approval No.]: 　　　　 ) | | | | |  |
|  | 10. Max. diameter for approval: | | |  | | | | | | | |  |
|  | 11. Miscellaneous: | | |  | | | | | | | |  |
|  |  | | |  | | | | | | | |  |
|  | 12. Approval No. / Certificate No.:  (In case of Renewal / Change / Revocation) | | |  | | | | | | | |  |
|  | Note: | | |  | | | | | | | |  |
|  |  | | | | | | | | | | |  |
|  |  | | | | | | | | | | |  |
|  |  | | | | | | | | | | |  |

**Table:　Kind of chain accessories / Kind of product / Manufacturing Process**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kind of chain accessories | | Kind of product | Manufacturing Process | |
| Anchor chain accessories  (3.1, Chapter 3, Part L of NK Rules) | Grade 2 chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Grade 3 chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Chain accessories for offshore mooring  (3.2, Chapter 3, Part L of NK Rules) | Grade R3 chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Grade R3S chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Grade R4 chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Grade R4S chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Grade R5 chain accessories | Joining shackle | Casting | Forging |
| End shackle | Casting | Forging |
| Kenter shackle | Casting | Forging |
| Swivel | Casting | Forging |
| Others | | | | |