Form 1-1

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| --- | --- | --- |
|  | **Application for Approval of Manufacturing Process of Rolled Steels** |  |
|  |  |
|  | 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 rolled steels in accordance with Chapter 1, Part 1 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 products: | [ ] Plates　[ ] Plates from steel coils　[ ] Coils　[ ] Flat bars[ ] Rolled steel bars　[ ] Shapes[ ] Semi-finished products (expect rolled steels for hull)[ ] Others (　　　 　　　　　　　　　　　 　 　　　)*(In the case where the applicants apply for approval of rolled steel bars or shapes, the dimension should be stated in the below “Note”)*(*In the case where the applicants apply for approval of semi-finished products , the dimension and kind etc. of products should be stated in the below “Note”)* |  |
|  | 4. Kind of materials: | *(The intended materials should be selected from Table of the reverse side)* |  |
|  | 5. Material grades: | *(The intended material grades should be stated in Table of the reverse side)* |  |
|  | 6. Through thickness properties: | [ ] N.A.　[ ] Z25　[ ] Z35 |  |
|  | 7. Brittle crack arrest properties: | [ ] N.A.　[ ] A400　[ ] A500　[ ] A600 |  |
|  | 8. Deoxidation practice: | [ ] Killed [ ] Fine-grained killed [ ] Others (　　　　 　　　 ) |  |
|  | 9. Grain refining elements: |  |  |
|  | 10. Other additive elements (except grain refining elements) and the specific purpose of the additive elements:  | Elements:Purpose: |  |
|  | 11. Condition of supply: | [ ] AR　[ ] CR　[ ] N　[ ] TMCP(TMR)　[ ] TMCP(AcC)　[ ] QT [ ] Others ( ) |  |
|  | 12. Max. dimension for approval: |  |  |
|  | 13. Steel making process: | [ ] Basic oxygen furnace　[ ] Electric arc furnace　[ ] Others ( 　　　　　 　　　　　　　　　 ) |  |
|  | 14. Steel casting process: | [ ] Ingot casting　[ ] Continuous casting |  |
|  | 15. Supplier of semi-finished products: | [ ] Own company　[ ] Other companyName of other company: |  |
|  | 16. Miscellaneous: |  |  |
|  |  |  |  |
|  | 17. Approval No. / Certificate No.:(In case of Renewal / Change / Revocation) |  |  |
|  | Note: |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Table:　Kind of materials / Material grades**

|  |  |
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| Kind of materials | Material grades |
| [ ] Rolled steels for hull(3.1, Chapter 3, Part K of NK Rules) |  |
| [ ] Rolled steels for boilers(3.2, Chapter 3, Part K of NK Rules) |  |
| [ ] Rolled steels for pressure vessels(3.3, Chapter 3, Part K of NK Rules) |  |
| [ ] Rolled steels for low temperature service(3.4, Chapter 3, Part K of NK Rules) |  |
| [ ] Rolled stainless steels(3.5, Chapter 3, Part K of NK Rules) |  |
| [ ] Round bars for chains(3.6, Chapter 3, Part K of NK Rules) |  |
| [ ] Rolled steel bars for boilers(Annex K.1.1.1-1, Guidance for the survey and Construction of Steel Ships) |  |
| [ ] Rolled carbon steel bars(3.7, Chapter 3, Part K of NK Rules) |  |
| [ ] Rolled low alloy steel bars(3.7, Chapter 3, Part K of NK Rules) |  |
| [ ] High strength quenched and tempered steels(3.8, Chapter 3, Part K of NK Rules) |  |
| [ ] Stainless clad steels(3.9, Chapter 3, Part K of NK Rules) | Base metal |  |
| Cladding metal |  |
| [ ] Others |  |