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 company  Name of other company: | | | | |  |
|  | 16. Miscellaneous: | | |  | | | | |  |
|  |  | | |  | | | | |  |
|  | 17. Approval No. / Certificate No.:  (In case of Renewal / Change / Revocation) | | |  | | | | |  |
|  | Note: | | |  | | | | |  |
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|  |  | | | | | | | |  |
|  |  | | | | | | | |  |

**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 |  | |