Form 1-2 ver.2409

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|  | **Application for Approval of Manufacturing Process** **of Corrosion Resistant Steel for Cargo Oil Tanks** |  |
|  |  |
|  | 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 corrosion resistant steel for cargo oil tanks in accordance with 1.2, Part K of the Rules for the Survey and Construction of Steel Ships and 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. Brand name: |  |  |
|  | 4. Kind of products: | [ ] Plates [ ] Flat bars　[ ] Rolled Steel bars　[ ] Shapes[ ] 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”)* |  |
|  | 5. Applicable areas: | *(The intended applicable areas should be selected from Table 1 of the reverse side)* |  |
|  | 6. Material grades: | *(The intended material grades should be stated in Table 1 of the reverse side)* |  |
|  | 7. Through thickness properties: | [ ] N.A. 　[ ] Z25　 [ ] Z35 |  |
|  | 8. Deoxidation practice: | [ ] Killed　[ ] Fine-grained killed　[ ] Others (　　　　　　 　　　) |  |
|  | 9. Grain refining elements: |  |  |
|  | 10. Control range of chemical compositions: | *(The intended range of chemical compositions should be stated in Table 2 of the reverse side)* |  |
|  | 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. Welding consumables: | *(The intended welding consumables should be stated in Table 3 of the reverse side)* |  |
|  | 17. Miscellaneous: |  |  |
|  |  |  |  |
|  | 18. Approval No. / Certificate No.:(In case of Renewal / Change / Revocation) |  |  |
|  | Note: |  |  |
|  |  |  |
|  |  |  |

**Table 1:　Applicable areas / Material grades**

|  |  |
| --- | --- |
| Applicable areas | Material grades |
| [ ] Upper decks (-RCU) |  |
| [ ] Inner bottom plating (-RCB) |  |
| [ ] Both Upper decks and inner bottom plating (-RCW) |  |

**Table 2:　Control range of chemical compositions (％)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | C | Si | Mn | P | S | Cu | Cr | Ni | Mo | Al | Nb | V | Ti | N |  |  |
| Min. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Max. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Note 1): Additive elements for corrosion resistance should be stated in lower column of additive elements for improving corrosion resistance.*

**Table 3:　Brand name / Name of works / Approval No. of welding consumables**

|  |  |  |
| --- | --- | --- |
| Brand name | Name of works | Approval No. |
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|  |  |  |
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