Form 1-5 ver.2409

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|  | **Application for Approval of Manufacturing Process of Steel Pipes** |  |
|  |  |
|  | 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 steel pipes in accordance with 1.2, Part K of the Rules for the Survey and Construction of Steel Ships and Chapter 2, 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: | *(The intended products should be selected from Table 1 of the reverse side)* |  |
|  | 4. Material classification: | *(The intended Material classification should be stated in Table 1 of the reverse side)* |  |
|  |  |  |  |
|  | 5. Dimension range for approval: | Outside diameter of pipes: |  |
| Thickness of pipes: |
|  | 6. Method of manufacturing: | *(The intended method of manufacturing should be selected from Table 2 of the reverse side)* |  |
|  | 7. Welding method: | *(The intended welding method should be selected from Table 2 of the reverse side)* |  |
|  | 8. Finished/Working process: | *(The intended finished/working process should be selected from Table 2 of the reverse side)* |  |
|  | 9. Condition of supply: | *(The intended condition of supply should be selected from Table 1 of the reverse side)* |  |
|  | 10. Supplier of semi-finished products: | [ ] Own company　[ ] Other companyName of other company: |  |
|  | 11.Miscellaneous: |  |  |
|  |  |  |  |
|  | 12.Approval No. / Certificate No.:(In case of Renewal / Change / Revocation) |  |  |
|  | Note: |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Table 1:　Kind of products / Material classification / Condition of supply**

|  |  |  |
| --- | --- | --- |
| Kind of products | Material classification (Example of Material grades) | Condition of supply |
| [ ] Steel tube for boiler and heat exchangers(4.1, Chapter 3, Part K of NK Rules)([ ] Steel pipes[ ] Semi-finished products) | [ ]  Carbon Steel( )[ ]  Molybdenum Steel( )[ ]  Chromium Molybdenum Steel( ) | [ ] As manufactured[ ] Low temperature annealing[ ] Isothermal annealing[ ] Full annealing　[ ] Normalizing[ ] Normalizing followed by tempering[ ] Normalizing followed by tempering at 650℃ and over |
| [ ] Steel pipes for pressure Piping(4.2, Chapter 3, Part K of NK Rules)([ ] Steel pipes[ ] Semi-finished products) | [ ]  Carbon Steel( )[ ]  Molybdenum Steel( )[ ]  Chromium Molybdenum Steel( ) | [ ] As manufactured　[ ] Annealing[ ] Low temperature annealing[ ] Isothermal annealing[ ] Full annealing　[ ] Normalizing[ ] Normalizing followed by tempering[ ] Normalizing followed by tempering at 650℃ and over |
| [ ] Stainless steel pipe(4.3, Chapter 3, Part K of NK Rules)([ ] Steel pipes[ ] Semi-finished products) | [ ]  Austenitic stainless steel ( )[ ]  Austenitic Ferritic stainless steel ( )[ ]  Austenitic stainless steel ( ) | Solid solution treatment |
| [ ] Headers(4.4, Chapter 3, Part K of NK Rules)([ ] Steel pipes[ ] Semi-finished products) | [ ]  Carbon Steel( )[ ]  Molybdenum Steel( )[ ]  Chromium Molybdenum Steel( ) | [ ] Annealing[ ] Normalizing |
| [ ] Steel pipes for low temperature service(4.5, Chapter 3, Part K of NK Rules)([ ] Steel pipes[ ] Semi-finished products) | [ ]  Carbon Steel( )[ ]  Nickel Steel( ) | [ ] Normalizing[ ] Normalizing followed by tempering[ ] Double normalizing followed by tempering[ ] Quenching and Tempering |
| [ ] Others |  |  |

**Table 2:** **Method of manufacturing / Finished/Working process / Welding method**

|  |  |  |
| --- | --- | --- |
| Method of manufacturing | Finished/working process | Welding method |
| [ ] Seamless | [ ] Hot finished[ ] Cold finished[ ] Others（　　　 　　　　　　　） | N.A. |
| [ ] Welded | [ ] Hot working[ ] Cold working[ ] Others（　　　　　　　　　　　） | [ ] Electric-resistance welded[ ] Automatic arc welded[ ] Laser beam welded[ ] Others（　　　　　　　　　　　　　） |