Application for Type Approval of Welding Consumables

To: NIPPON KAIJI KYOKAI Date: .....

..... Branch Ref. No.: .....

Name of applicant: .....

Address of applicant: .....

Person in charge: .....

Tel: ..... Fax: .....

E-mail: .....

We hereby request

☐type approval ☐change in the approved content ☐revocation of type approval

of welding consumables in accordance with Chapter 1, Part 3 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: .....

Note 1: In case of submerged arc welding consumables, each brand of core wire and combination flax should be described.

Note 2: In the case where backing flux is applied, please select the type of backing flux below.

☐Thermosetting type ☐Non-thermosetting type

4. Material grades: .....

Note 1: Suffix of shielding gas and hydrogen mark,etc., should be also described.

Note 2: In case of welding consumables not specified in Part M of the NK Rules, to be described as "Manufacturer's Specification." In this case, chemical composition (if applicable) and mechanical properties are to be provided.

5. Hydrogen Mark: ☐N.A. ☐H15 ☐H10 ☐H5

Method: ☐Glycerine method ☐Mercury method ☐Gas chromatograph method ☐Hot carrier gas extraction method)

6. Kind/Welding process: *(The intended kind/welding process should be selected from Table 1 on the reverse side)*
7. Welding position/Max. Diameter: *(The intended welding position and max. diameter should be described in Table 1 on the reverse side)*
8. Current: ☐AC ☐DCEP ☐DCEN
9. Shielding gas .....
10. Miscellaneous: .....
11. Present Approval No./Certificate No. (In case of change/revocation of type approval): .....
12. Desired date of welding test: .....
13. Desired date of mechanical test: .....

Note: .....

(Note)

This application should be prepared for each brand of welding consumables (in case of submerged arc welding, application for every combination of wire and flux should be prepared.).

Table 1 Kind/Welding process

Kind	Welding Process
☐Electrodes for manual arc welding for mild steels, high tensile steels and steel for low temperature service (6.2, Chapter 6, Part M of NK Rules)	☐Manual welding
	☐Gravity welding
☐Automatic welding consumables for mild steels, high tensile steels and steel for low temperature service [Welding technique : ☐Multi-run (M) ☐Two-run (T) ☐Multi-run and two-run (TM)] (6.3, Chapter 6, Part M of NK Rules)	☐Submerged arc welding
	☐MAG welding
	☐MIG welding
	☐Self-shielded arc welding
☐Semi-automatic welding consumables for mild steels, high tensile steels and steel for low temperature service (6.4, Chapter 6, Part M of NK Rules)	☐MAG welding
	☐MIG welding
☐Electro-slag and Electro-gas welding consumables (6.5, Chapter 6, Part M of NK Rules)	☐Electro-slag welding
	☐Electro-gas welding
☐One side automatic welding consumables for mild steels, high tensile steels and steel for low temperature service [Welding technique : ☐One-run (SP) ☐Multi-run (MP) ☐One-run and multi-run (SMP)] (6.6, Chapter 6, Part M of NK Rules)	☐Submerged arc welding
	☐MAG welding
	☐MIG welding
	☐Self-shielded arc welding
☐Welding consumables for stainless steel (6.7, Chapter 6, Part M of NK Rules)	☐Manual welding
	☐TIG welding (☐Wire ☐Filler Rod)
	☐MIG welding
	☐Semi-automatic welding
	☐Submerged arc welding
☐Welding consumables for aluminum alloys (6.8, Chapter 6, Part M of NK Rules)	☐TIG welding (☐Wire ☐Filler Rod)
	☐MIG welding
	☐Plasma arc welding
☐Welding consumables for quenched and tempered high tensile steels for structures (6.9, Chapter 6, Part M of NK Rules)	☐Manual welding
	☐Gravity welding
	☐Submerged arc welding
	☐Automatic welding (MAG welding)
	☐Automatic welding (MIG welding)
	☐Self-shielded arc automatic welding
	☐Semi-automatic welding (MAG welding)
	☐Semi-automatic welding (MIG welding)
☐Others [Please clarify kind (including applicable parent material and its grades) and welding process]	

Table 2 Welding position/Max. diameter

Butt Weld		Fillet Weld	
Position	Max. Diameter	Position	Max. Diameter
☐Flat	mm	☐Flat	mm
		☐Horizontal Vertical	mm
☐Horizontal	mm	☐Horizontal	mm
☐Overhead	mm	☐Horizontal Overhead	mm
		☐Overhead	mm
☐Vertical Upward	mm	☐Vertical Upward	mm
☐Vertical Downward	mm	☐Vertical Downward	mm