

Application for Type Certification of Wind Turbines

To: Nippon Kaiji Kyokai (ClassNK)

Application Date

1. Applicant

Company Name			
Address	〒		
Title			
Name of Representative		(Signature)	

We hereby request that ClassNK carries out the evaluation regarding the Type Certification for Wind Turbines and issue the Statement of Compliance and its relevant reports. This request is made on the basis that we accept the *NKRE-SP-0001: Wind Turbine Type Certification* issued by ClassNK. We agree to pay all evaluation fees and expenses, regardless of whether its certification is completed or not.

2. Subject Wind Turbine ※ If the wind turbine is a small wind turbine, please check the attachment and submit some documents.

Type Number of Wind Turbine			
Rated Power			
Swept Area			
Type of Axis	☐ Horizontal axis	☐ Vertical axis	☐ Other

3. Confirmation of application details

☐ There is no change in the review content form the time of Quotation.	
Number of Quotation	
Details	

※ If there is any change, please write details. In some cases, we may request to submit a request for quotation again.

4. Contact details of the person in charge

Company Name			
Title / Name (PIC)			
TEL		E-mail	

5. Billing contact ※ Please fill in if the billing contact and applicant are different. We will send the original invoice via PDF attached to an email.

Company Name			
Address			
Name (Addressee)			
TEL		E-mail	

6. Special notes

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Remarks

- 1) If any of the above required items are not determined at the time of the application, please fill in the relevant columns as "Undecided".
- 2) If any of the information provided in this form changes or if undecided items have been determined, please inform the ClassNK.
- 3) In cases where ClassNK deems that any of the information included in this form needs to be altered during the Type Certification process, the applicant will be notified.

For ClassNK internal use		
Receipt No.	Receipt Date	Receipt Stamp
Control No.		

【Attachment】

Submitted Documents (*for small wind turbine)		*Submit the documents through NK-PASS
	Checklist for applicant (*Please checking to boxes)	Checklist for NK
1)	☐ Specifications of wind turbine type (including configuration, type number of main component)	☐
2)	☐ Structural calculation report for wind turbine	☐
3)	☐ Structural calculation report for tower and foundation (including maximum load and maximum deflection at tower top)	
4)	☐ Design drawings (main component: rotor blade, pitch system, hub, spinner, nacelle, main shaft, gearbox, low speed shaft, structural components, generator, safety and protection system, yaw, PCS, transformer, dump load, others)	☐
5)	☐ Assembly drawings (relevant to item 4)	☐
6)	☐ Technical specifications (relevant to item 4 and purchase parts)	☐
7)	☐ Material certificate (material of main components evaluated strength)	☐
8)	☐ Wiring diagram (from generator to grid)	☐
9)	☐ Block diagram (from generator to grid)	☐
10)	☐ Control flowchart	☐
11)	☐ Description relevant to effectiveness of safety and protection system	☐
12)	☐ Calculation report or test report for mechanical brake torque	☐
13)	☐ Description for fail-safe design (for example: FMEA table etc)	☐
14)	☐ Test program (for duration test, power performance measurement, acoustic noise measurement, safety and function test, blade static load test)	☐
15)	☐ Duration test report (If completed)	☐
16)	☐ Power performance measurement report (If completed)	☐
17)	☐ Acoustic noise measurement report (If completed)	☐
18)	☐ Safety and function test report (If completed)	☐
19)	☐ Blade static load test report (If completed)	☐
20)	☐ Electrical safety test report for generator (If completed)	☐
21)	☐ ISO 9001 certificates (for applicant, manufacturer) (If any)	☐
22)	☐ Quality manual (for applicant, manufacturer)	☐
23)	☐ User manual (at least Japanese version)	☐
24)	☐ Installation and commissioning manual (at least Japanese/English version)	☐
25)	☐ Maintenance manual (at least Japanese/English version)	☐