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| **NIPPON KAIJI KYOKAI** | **【RE-071-26】** |
| **Renewables and Environment Department** | **Rev.3** |
| **E-Mail:**  | **re@classnk.or.jp** |  |
| **FAX:**  | **03-5226-2060** |  |

**Application for small wind turbine type certification (Initial)**

**I, undersigned applicant, apply to type certification for our small wind turbine under the following condition.**

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| **1.** | **Applicant** |  |
|  | **Date of application:** | **(day, month, year)** |
|  | **Company name:** |  |
|  | **Detailed Address:** |  |
|  | **Name of representative:** |  |
|  | **Signature:** |  |
|  | **Tel:** |  |
|  | **E-mail:** |  |
| **2.** | **Contents of application** |  |
|  | **Type number of small wind turbine:** |  |
|  | **Certification standards:** | **[ ] 　JSWTA0001 + JIS C 1400-22 (IEC 61400-22)** |
|  | **[ ] 　Others (     )** |
|  | **Methodology of load calculation:** | **[ ] Simplified load methodology** | **[ ] Aeroelastic analysis** | **[ ] Full-scale load measurement** |
| **3.** | **Contact Person** |  |
|  | **Company name：** |  |
|  | **Address：** |  |
|  | **Name of the person：** |  |
|  | **Tel:** |  |
| **4.** | **Note (Please check)** |  |
|  | **[ ] We read “NKRE-AP-0001 Guidance for Use of Certificate Documents and symbols” and understood the contents.** |
|  | **[ ] We read “NKRE-AP-0002 Guidance for Appeals-handling and Complaints-handling Process” and understood the contents.** |
|  | **[ ] We read “NKRE-SP-0001 Guidance for Certification of Products” and understood the contents.** |

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| **5.** | **Submitted Documents** | **\*Submit the documents through NK-PASS** |
|  | **Checklist for applicant (Please check)** | **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)** | **[ ]**  |

**\*Bottom column is for use in ClassNK.**

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| **Receipt Date:** | **(d),       (m),       (y)** | **Receipt Number:** |  |
| **Management Representative** | **Technical P.I.C** | **Administrative P.I.C** |
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