Format for Inspection Report (Blade)

Sr. No.	Description	Inspection Points (Rotor Blade)	Remarks
1	**Product Design, Development & Engineering**	Capability, Experience, and Strength of In-house Team	
2	**Process Design, Development & Engineering**	Capability, Experience, and Strength of In-house Team	
3	**Project Management**	Dedicated Project Management Team	
4	**Incoming Material Inspection & Testing**	Dimension Checks	
		Material Certifications Review (if applicable)	
		Coatings and Substances Verification	
5	**Raw Materials Storage and Handling**	Designated Material Storage Area with Environmental Control Facility	
		Safety Stock Management for Key Materials (Glass, Carbon, Resins, etc.)	
6	**Material Testing Laboratory**	Chemical and Mechanical Testing Capabilities	
7	**Non-Destructive Testing & Process Validation**	Non-Destructive Testing (e.g., Ultrasonic, Visual)	
		Process Qualification and Validation	
		Personnel Qualification	
		3D Geometry Inspection (Laser/Other Tech)	
8	**Calibration Facility**	Calibration of Gauges, Instruments, and Testing Facilities	
9	**General Facility**	Minimum of Two Main Mould Systems	
		Adequate Plot Layout for Material, Waste, and Logistics	
		Dedicated Resin Infusion and Blade Movement Pathways	
		Special Areas for Maintenance, Resin Mixing, and Quality Control	
		Platforms, Walkways, and Sufficient Turning Space for Operations	
		EOT Cranes in Various Facility Areas	
		Dust Extraction Systems for Specific Operations	

Sr. No.	Description	Inspection Points (Rotor Blade)	Remarks
10	**Utilities**	Availability of Electrical Power (e.g., 230V & 400V)	
		Network Connectivity (Bandwidth, Wi-Fi)	
		Emergency Power Backup (Generators, UPS)	
		Lighting Levels for Different Facility Areas	
11	**Product Testing Facility**	Overload and Fatigue Testing	
		Vibration Testing and Accelerated Life Testing	
12	**Coating Facility**	Designated and Controlled Coating Facility	
13	**Finished Goods Storage**	Storage Yard for Finished Products (Capacity)	
		Preservation and Packaging Process	
14	**Service Facility**	Aftermarket Support (Field Service, Repairs, etc.)	
15	**Management Systems**	Quality System Certification (e.g., ISO 9001)	
		Safety and Environmental Certifications	
		Compliance with Legal, HR, and Sustainability Standards	
		Supplier Management and Third-Party Certifications	

Format for Inspection Report (Tower)

Sr. No.	Description	Inspection Points (Tower)	Remarks
1	**Process Design, Development & Engineering**	Capability and Strength of In-house Team	
2	**Project Management**	Dedicated Project Management Team	
3	**Incoming Material Inspection & Testing**	Dimension Verification	
		Material Certifications (if applicable)	
		Coating Materials Review	
		Welding and Blasting Consumables Review	
4	**Raw Materials Handling at Plant**	Carrier Access to Areas (Cranes/Forklifts)	
		Safe Handling of Steel Plates, Flanges, etc. (Vacuum Jaws, Magnetic Lifters, etc.)	
5	**Raw Materials Storage at Plant**	Covered Storage for Key Materials (Steel Plates, Flanges, Internals)	
		Controlled Environment for Welding & Coating Consumables	
6	**Material Testing Laboratory**	Chemical & Mechanical Testing in Accredited Labs (e.g., NABL)	
7	**Calibration Facility**	Calibration Services Tied with Accredited Labs	
8	**Non-Destructive Testing Facility**	Ultrasonic Testing	
		Visual Testing	
		Magnetic Particle Testing	
		Dye Penetrant Testing	
		Process and Personnel Qualification	
		3D Geometry & Flatness/Tiltness Inspection (Laser/Other Tools)	
9	**Pre-Blasting & Cutting**	Pre-blasted & Primer-Coated Plates	
		CNC Plasma or Gas Cutting with Groove Preparation	
10	**Bending/Rolling Process for Shell Forming**	CNC-Programmed Rolling Machines (Online Control)	
		Material Thickness and Width Specifications (e.g., ≥50mm thickness, ≥3000mm width)	

Sr. No.	Description	Inspection Points (Tower)	Remarks
11	**Fabrication Operations**	Long Seam Fit-Up (Rollers/Supports)	
		Flange Fit-Up (CNC-controlled Stations)	
		Circular Seam Fit-Up (Multiple Welding Lines with Hydraulic Fit-Up Rollers)	
		Automated Door & Duct Hole Cutting	
		Automated Door Frame Welding with Full Penetration Capability	
12	**Welding Operations**	Robotic or Automated Power Arc/Pulsed Arc Welding Technologies	
		Tack Welding (GMAW) with Full-Length Welds as per Approved Procedures (WPS)	
13	**Welding Procedure Qualification (WPS)**	Qualified WPS through Performance Qualification (PQR) Witnessed by Third Party	
14	**Blasting Facility**	Automated Blasting with Environment & Process Controls	
		Automated Blast Rotation & CNC/NC Process Control	
		In-Process Control for Surface Profile, Finish, and Environment	
15	**Painting at Plant**	Automated Painting Facility with Environment Control & Valid Certifications	
		Rotational/Fixture Control with CNC/NC Fixtures	
		Paint Mixing Process Control with Automated Systems	
16	**Internals Manufacture, Assembly & Welding**	Well-Equipped Internals Manufacturing, Assembly & Welding Facilities	
		Own Galvanizing Facility	
		Profile Cutting (CNC-controlled Gas/Plasma Cutting with Mechanical Cleaning)	
17	**Product Assembly**	Pre-Assembly, Main Assembly, and Final Assembly	

Sr. No.	Description	Inspection Points (Tower)	Remarks
18	**General Facility**	Separate Manufacturing Line for Different Tower Components	
		Adequate Plant Layout for Material, Waste, and Logistics	
		Sufficient Tower Movement Pathways and Gate Dimensions	
		Availability of Bevelling and Drilling Machines	
		Pathways for Movement to Blasting & Painting with Sufficient Turning Space	
		Emergency Generators & EOT Cranes in Fabrication Area	
19	**Finished Storage Area**	Safe Placement of Sections on Stands/Saddles Without Damage	
		Adequate Storage Yard for Finished Towers	
		Packaging & Dispatching Process	
20	**Service Facility - Aftermarket Sales & Service**	Field Service Support (Repairs, Inspections, etc.)	
		Shop Repair Facility	
21	**Management Systems**	Quality System Certifications (e.g., ISO 9001, ISO 3834-2, EN 1090-2)	
		Safety and Environmental Certifications	
		Legal, Compliance, and HR Practices	
		NABL Accreditation or Tie-up with Accredited Labs	
		Supplier Management Systems	
		Environmental, Social, and Governance (ESG) Practices	
		Customer Satisfaction & Feedback Management	
		Third-Party Certification Systems for Design & Manufacturing Evaluation	

Format for Inspection Report (Gearbox)

Sr. No.	Description	Inspection Points (Gearbox)	Remarks
1	**Product Design, Development & Engineering**	Capability, Experience, and Strength of In-house Team	
2	**Incoming Material Inspection & Testing**	Dimension and Material Testing (e.g., hardness, tensile, etc.)	
3	**Gearbox Components (Gears & Castings) Machining Facility**	Gear Component Production	
		In-house Casting Component Production	
4	**Heat Treatment**	Carburizing Treatment	
		Nitriding Treatment	
		Induction Hardening	
		Shot Blasting	
5	**Material Testing Laboratory**	Mechanical Properties Testing (e.g., tensile strength, impact resistance, etc.)	
6	**Metallurgical Laboratory**	Metallurgical Properties Testing (e.g., microstructure, hardness)	
7	**Chemical Laboratory**	Chemical Testing (e.g., composition, impurities)	
8	**Non-Destructive Testing (NDT) Facility**	Ultrasonic Testing	
		Magnetic Particle Testing	
		Dye Penetrant Testing	
		Grinding Burn Inspection	
9	**In-house Gears & Casting Components Inspection & Testing**	Gear Geometry and Parameter Testing	
		3D Geometry Inspection of Components	
10	**In-house Calibration Facility**	Calibration of Gauges, Instruments, and Test Facilities	
11	**Product Assembly**	Pre-Assembly, Main Assembly, and Final Assembly	
12	**Product Flushing & Cleanliness**	Cleanliness Measurement (e.g., particle counts, oil cleanliness)	
13	**Product Testing Facility**	Basic Functional Load Test (e.g., load, temperature, noise, vibration)	
		Overload Test (for Prototypes)	
		Dynamic Test (e.g., fatigue, performance) for Prototypes	
		Cold Chamber Test (e.g., -40°C)	

Sr. No.	Description	Inspection Points (Gearbox)	Remarks
		for Prototypes	
14	**In-house Painting Facility**	Corrosion Protection Levels (e.g., coating thickness, adhesion tests)	
15	**Service Facility - Aftermarket Sales & Service**	Field Service Support (e.g., repairs, inspections, upgrades)	
		Shop Repair Facility	
16	**Management Systems**	Quality System Certification (e.g., ISO 9001, ISO 3834-2, EN 1090-2)	
		Safety and Environmental Certifications	
		Legal and Compliance Systems (e.g., HR practices, regulatory adherence)	
		NABL Accreditation or Tie-up with Accredited Labs	
		Supplier Management Systems	
		Environmental, Social, and Governance (ESG) Practices	
		Customer Satisfaction Management Systems (feedback, surveys)	
		Third-Party Certification Systems for Design and Manufacturing Evaluation	

Format for Inspection Report (Generator)

Sr. No.	Description	Inspection Points (Generator)	Remarks
1	**Product Design, Development & Engineering**	Capability, Experience, and Strength of In-house Team	
2	**Project Management**	Dedicated Project Management Team	
3	**Incoming Material Inspection & Testing**	Dimension and Material Testing (e.g., mechanical, electrical)	
4	**Generator Components (Copper Bar, Shaft, Bearings, Laminations, etc.)**	Winding Facility with Specified Controlled Environment (Dust-Free, Temp Control)	
		Lamination Blanking and Preparation	
		Automatic Stator and Rotor Winding (In-house/Outsourced)	
		Welding and Core Building Fixtures	
		Pressing Machine and Capacity	
		CNC Vertical Machining Centre	
		Shaft Balancing Machine with Proper Safety	
		Coil Preparation (Looping, Stretching, and Bending)	
		Induction Brazing and Crimping/Soldering Machines	
		Automated Vacuum Pressure Impregnation Equipment	
		Heating Furnace for Curing/Hardening	
		Painting Facility with Protective Coatings	
5	**Electrical Testing**	High Voltage (HV) Megger Test, Winding Resistance	
		Surge Test, No-Load Run Test, Vibration and Noise Measurement	
6	**Special Process Validation**	WPS/PQR (Welding Procedure Specification / Procedure Qualification Record) Validation	
		Coating, Brazing, and Crimping Process Validation	
7	**In-house Non-Destructive Testing (NDT) Facility**	Ultrasonic Testing	
		Magnetic Particle Testing	

Sr. No.	Description	Inspection Points (Generator)	Remarks
		Dye Penetrant Testing	
8	**In-house Components Inspection & Testing**	Linear & Geometrical Parameter Checks	
		3D Geometry Inspection (e.g., using CMM - Coordinate Measuring Machine)	
9	**In-house Calibration Facility**	Calibration of Gauges, Instruments, and Test Equipment	
10	**Product Assembly**	Pre-Assembly, Main Assembly, and Final Assembly	
11	**Product Testing Facility: Routine/Serial Tests**	Insulation Resistance of Windings	
		Winding Resistance Measurements	
		Open Circuit Voltage Ratio	
		Locked Rotor Test	
		No-Load Running Test for 2 Hours at Rated Voltage, Rated Frequency, Rated Speed	
		No-Load Curve/Characteristics for Losses	
		Vibration Velocity (r.m.s.) at No-Load, Rated Voltage, Rated Speed	
		Sound Pressure/Power Test at No-Load, Rated Voltage, Rated Speed	
		Phase Sequence & Direction of Rotation	
		Shaft/Bearing Voltage & Current Measurement	
		Functional Test of Auxiliary Devices	
		High Voltage Test on Windings	
		Slip Ring Brush Holder Insulation Resistance Measurement	
		Bearing Insulation Resistance Measurement	
12	**Product Testing Facility: Type Test**	Load Test for Efficiency, Power Factor, Losses at Various Loads (100%, 115%, 110%, 75%, 50%, 25%)	
		Pull-Out/Breakdown Torque Test	

Sr. No.	Description	Inspection Points (Generator)	Remarks
		Temperature Rise Test (Stator & Rotor)	
		Momentary Overload Test	
		Over-Speed Test	
		No-Load Saturation Curve	
		Vibration Measurement at Multiple Load Steps (25%, 50%, 75%, 100% Load)	
		Sound Power Measurement at Various Load Levels (25%, 50%, 75%, 100%)	
		Loss Determination at Various Load Points	
		Ground Current Measurement at Full Load	
		Load & Temperature Rise Test at 85% Voltage and 100% Load (Including Vibration, Shaft Voltage, Ground Current)	
13	**Product Testing Facility: Test on First Prototype Generator**	Temperature Rise at Generator Operation (Worst Case Conditions)	
		Temperature Rise at Generator Rated Conditions and Generator Efficiency (Inverter Operation)	
		Load Point Measurement & Ground Current at Generator Operation	
		Shaft/Bearing Voltage & Current Measurement at Generator Operation at Rated Load	
		Short-Circuit Testing	
		Vibration Measurement at Every Load Point (at least 6 Measuring Positions, 4 Load Steps)	
		Sound Power Measurement for Generator Operation (25%, 50%, 75%, 100% Load)	
		Moment of Inertia Test	
		IP (Ingress Protection) Test (First and Second Numeral)	
14	**In-house Painting Facility**	Corrosion Protection Levels	

Sr. No.	Description	Inspection Points (Generator)	Remarks
		(Coating Thickness and Adhesion)	
15	**Service Facility - Aftermarket Sales & Service**	Field Service Support (Repairs, Inspections, Upgrades)	
		Shop Repair Facility	
16	**Management Systems**	Quality System Certification (e.g., ISO 9001, ISO 3834-2, EN 1090-2)	
		Safety and Environmental Certifications	
		Legal and Compliance Systems (e.g., HR practices, Regulatory Adherence)	
		NABL Accreditation or Tie-up with Accredited Labs	
		Supplier Management Systems	
		Environmental, Social, and Governance (ESG) Practices	
		Customer Satisfaction Management Systems (Feedback, Surveys)	
		Third-Party Certification Systems for Design and Manufacturing Evaluation	

Format for Inspection Report (Yaw Bearing)

Sr. No.	Description	Inspection Points (Yaw Bearing)	Remarks
1	**Product Design, Development & Engineering**	Capability and Strength of In-house Team	
		Design Calculations & Simulations	
2	**Incoming Material Inspection & Testing**	Dimension Inspection	
		Material Testing (e.g., hardness, mechanical properties)	
		Material Traceability	
		Inspection Infrastructure and Testing Capabilities	
3	**Gear Rim Machining Facility**	Machining Capability (e.g., CNC Vertical/Horizontal Turret, CNC Drilling, Gear Cutting)	
		Material Handling Capabilities	
		Availability of Tooling & Fixtures	
4	**Heat Treatment**	Process Qualification/Validation (e.g., CQI-9)	
		Heat Treatment Process: HH+QT, CNC Induction Hardening	
		Stress Relieving Process	
5	**Laboratory Accreditation**	Accreditation like ISO/IEC 17025 or Equivalent	
6	**Material Testing Laboratory**	Mechanical Properties Testing (e.g., tensile strength, elongation)	
		Hardenability Testing	
7	**Metallurgical Laboratory**	Metallurgical Properties Testing (e.g., microstructure, composition)	
8	**Chemical Laboratory**	Chemical Composition and Analysis (e.g., for alloys and coating materials)	
9	**In-house Non-Destructive Testing Facility**	Personal Qualification of Inspectors	
		Ultrasonic Testing	
		Magnetic Particle Testing	
		Visual Testing	
		Case Depth & Hardness Verification	
		Dye Penetrant Testing	
10	**In-house Inspection & Testing**	Gear Geometry & Parameter Testing (e.g., pitch, teeth profile, backlash)	
		Linear, Circular, and Geometrical Dimension Inspections	
		Components 3D Geometry Inspection	

Sr. No.	Description	Inspection Points (Yaw Bearing)	Remarks
		(e.g., using CMM - Coordinate Measuring Machine)	
11	**Calibration Facility**	Calibration of Gauges, Instruments, and Test Equipment	
12	**Product Testing Facility**	Auxiliary Test Dimension Verification Facility	
13	**In-house Coating Facility**	Process Qualification/Validation	
		Shot / Grit Blasting for Surface Preparation	
		Thermal Zinc Spray Coating Process	
		Coating Process (e.g., Paint, Anti-corrosion Coating)	
		Personal Qualification of Coating Operators	
		Corrosion Protection Levels (e.g., coating thickness, adhesion)	
14	**Marking and Packaging**	Product Marking and Traceability through Raw Materials	
		Preservation and Packaging (e.g., for storage and shipping)	
15	**Service Facility - Aftermarket Sales & Service**	Field Service Support (Repairs, Inspections, Upgrades)	
		Shop Repair Facility	
16	**Management Systems**	Quality System Certification (e.g., ISO 9001, ISO 3834-2, etc.)	
		Safety and Environmental Certifications	
		Legal and Compliance Systems (e.g., HR practices, Regulatory Adherence)	
		Supplier Management Systems	
		Environmental, Social, and Governance (ESG) Practices	
		Wind Turbine Generator (WTG) Certification (e.g., IS/IEC 61400-22)	
		Customer Satisfaction Management Systems (Feedback, Surveys)	
		Third-Party Certification Systems for Design, Manufacturing Evaluation	

Format for Inspection Report (Pitch Bearing)

Sr. No.	Description	Inspection Points (Pitch bearing)	Remarks
1	**Product Design, Development & Engineering**	Capability and strength of in-house design team, design calculations, and simulations	
2	**Incoming Material Inspection & Testing**	Dimensional inspection, material testing, material traceability, inspection infrastructure, and testing capabilities	
3	**Incoming Material Inspection (Lubricants, Coatings, and Chemicals)**	Verification of technical certificates (TC), in-house verification facilities for materials	
4	**Component Machining Facility**	Machining capabilities (e.g., CNC vertical/horizontal machines, gear cutting, turning), material handling, tooling & fixture availability	
5	**Seal Inspection and Vulcanizing Facility**	Seal inspection, testing, vulcanization processes, exchange procedures	
6	**Heat Treatment**	Process qualification/validation (CQI-9), CNC induction hardening machine, stress relieving	
7	**Laboratory Accreditation**	Accreditation such as ISO/IEC 17025 or equivalent	
8	**Material Testing Laboratory**	Mechanical properties testing (tensile, impact, hardness, etc.)	
9	**Metallurgical Laboratory**	Metallurgical properties testing (grain structure, phase analysis, etc.)	
10	**Chemical Laboratory**	Chemical composition testing	
11	**Destructive Testing**	Component failure testing (e.g., seal joint testing)	
12	**Non-destructive Testing (NDT)**	Personnel qualification, ultrasonic testing, magnetic particle testing, visual inspection, case depth and hardness verification, dye penetrant testing	
13	**Component Inspection & Testing**	Gear geometry testing, dimensional inspections (linear, circular, geometric), 3D geometry inspection	
14	**Lubrication**	Grease filling and weighing, greasing process, operating temperature range, greasing points identification, flushing procedure	
15	**Calibration Facility**	Calibration of gauges, instruments, and test facilities	
16	**Product Assembly**	Pre-assembly, main assembly, and final	

Sr. No.	Description	Inspection Points (Pitch bearing)	Remarks
		assembly processes	
17	**Torque Testing**	Running and starting torque tests	
18	**Product Testing Facility**	Certification of the product, basic functional testing, overload testing, FE analysis (static, fatigue, dynamic load testing), prototype tests	
19	**Coating Facility**	Process qualification/validation, shot/ grit blasting, thermal zinc spray, corrosion protection levels, personal qualifications	
20	**Marking and Packaging**	Marking, traceability through raw materials, preservation, and packaging	
21	**Aftermarket Sales & Service**	Field service support, shop repair facilities	
22	**Management Systems**	Quality certification (ISO 9001, etc.), safety and environmental certifications, legal compliance systems, supplier management systems, sustainability, customer satisfaction management	

Format for Inspection Report (Main Bearing)

Sr. No.	Description	Inspection Points (Main Bearing)	Remarks
1	**Product Design, Development & Engineering**	Capability and strength of in-house design team, design calculations, and simulations	
2	**Incoming Material Inspection & Testing**	Dimensional inspection, material testing, material traceability, inspection infrastructure, testing capabilities	
3	**Main Bearing Components (Rings) Machining Facility**	Machining capabilities (turning, honing, grinding), material handling, tooling & fixture availability	
4	**Heat Treatment**	Process qualification/validation (CQI-9), carburizing treatment, quenching & tempering, induction hardening (if applicable)	
5	**Laboratory Accreditation**	Any relevant accreditation like ISO/IEC 17025 or similar	
6	**Material Testing Laboratory**	Mechanical properties testing (tensile, impact, hardness, etc.)	
7	**Metallurgical Laboratory**	Metallurgical properties testing (grain structure, phase analysis, etc.)	
8	**Chemical Laboratory**	Chemical composition testing	
9	**Non-destructive Testing (NDT)**	Personnel qualification, ultrasonic testing, magnetic particle testing, visual inspection, case depth and hardness verification, dye penetrant testing	
10	**In-house Inspection of Main Rings, Cages, Rollers & Guide Rings**	Linear & geometric parameter inspection, 3D geometry inspection (e.g., CMM)	
11	**Calibration Facility**	Calibration of gauges, instruments, and test facilities	
12	**Product Assembly**	Pre-assembly, main assembly, and final assembly processes	
13	**Product Cleanliness**	Cleanliness measurement facilities (cleanliness standards, particle count)	
14	**Product Testing Facility**	Product certification, basic functional testing, overload testing, FE analysis (static & fatigue load testing), dynamic testing for prototypes	
15	**Corrosion Protection**	Oil bath dipping or other corrosion protection treatments	
16	**Marking and**	Marking, traceability through raw	

Sr. No.	Description	Inspection Points (Main Bearing)	Remarks
	Packaging	materials, preservation, and packaging	
17	**Service Facility – Aftermarket Sales & Service**	Field service support, shop repair facilities	
18	**Management Systems**	Quality system certification (e.g., ISO 9001), safety and environmental certifications, legal compliance systems, supplier management, sustainability, customer satisfaction management, third-party certifications (design, manufacturing evaluation)	

Appendix-I

Application Format to apply for inclusion of a Wind Turbine Model in the Approved List of Models and Manufacturers of Wind Turbines (ALMM-Wind) or Wind Turbine Component in the Approved List of Models and Manufacturers of Wind Turbines Components (ALMM-WTC)

(To be filled separately for each wind turbine model)

(Tick the relevant box wherever applicable)

1.	**Details of Wind Turbine/Component Manufacturer and Model**		
a)	Name of Indian Company **(Attach a copy of certificate of Incorporation issued by Registrar of Companies)** **Attachment number_____**		
b)	Registered office Address		
		Phone:	Fax:
c)	Communication Address		
		Phone:	Fax:
d)	Address to be mentioned in the list, if enlisted.	Registered Office Address (or) ☐	
		Communication Address ☐	
e)	Does company's objectives include wind business	Yes ☐	No ☐
f)	Wind Turbine Model/Component Applied for	Model	
g)	Wind Turbine Details	Rotor Diameter in m	
		Hub Height in m	
		Tower Type	
h)	Authorized signatory details **(Attach a copy of the Board resolution / Power of Attorney/ Authorization letter issued by the Chairman/ Managing Director)** **Attachment number_____**	Name	
		Designation	
		Phone	
		Mobile	
		Fax	
		E-mail	

2.	**Collaboration / Design Ownership details**			
a)	Model			
b)	Whether Collaboration available for this wind turbine model/Component	Yes ☐	No ☐	
c)	Name of Collaborator and Country	Name		
		Country		
d)	Indian Territory Jurisdiction of Collaboration and period of Collaboration	Yes ☐	No ☐	
		Period	From	To
e)	Ownership of design rights of the wind turbine model/component available with the Indian Company	Yes ☐	No ☐	
3.	**Type Certification Details**			
a)	Rated Capacity of the wind turbine (225 kW and above) /Component	**---------- kW**		
b)	Model			
c)	Type Certificate Number **(Pl Attach a copy of a valid Type Certificate as per the standard in vogue)** **Attachment number_____**			
d)	Date of Issue	DD ☐☐	MM ☐☐	YYYY ☐☐☐☐
e)	Valid Until	DD ☐☐	MM ☐☐	YYYY ☐☐☐☐
f)	Type Certification Scheme	IS/IEC ☐	IECRE OD 501 ☐	
g)	Type Certificate	TYPE ☐	PROVISIONAL ☐	

h)	Documents (Conformity Statement/Statement of Compliance, Final Evaluation Report and Certified Power Curve) **(Pl Attach documents mentioned in the Type Certificate)** **Attachment number_____**			
i)	Name of Certification Body	NIWE ☐	TUV NORD ☐	
		DNV ☐	DEWI -OCC ☐	
		TUV SUD ☐	TUV RHEINLAND ☐	
		WIND GUARD ☐	ANY OTHER Pl Specify_____ ☐	
		INTERTEK ☐		
3.1.	**For Certification Bodies**			
a)	Name of the Accreditation Body			
b)	Accreditation valid up to **(Pl Attach a copy of valid Accreditation Certificate)** **Attachment number_____**	DD ☐☐	MM ☐☐	YYYY ☐☐☐☐
c)	Contact Person of Certification Body for authentication of Type Certificate and other related documents			
d)	Contact details including E-mail of Contact Person for authentication of Type Certificate and other related documents			
4.	**Manufacturing Facility Details**			
a)	Model			
b)	Manufacturing facility			
c)	Location details of the Hub and Nacelle assembly/manufacturing facility in India for the above said wind turbine model, included in the Type Certificate.			
	Location details of the major components assembly/manufacturing facility for the above said wind turbine model.			
d)	ISO Certificate for the assembly/manufacturing facility			

e)	Name of the ISO Certification Body	
f)	ISO Certificate as per standard	2015 ☐

g)	Validity of the ISO certificate **(Attach a copy of valid ISO certificate)** **Attachment number_____**	DD ☐☐	MM ☐☐	YYYY ☐☐☐☐
h)	Name of the Accreditation Body			
i)	Accreditation valid upto **(Attach a copy of valid Accreditation certificate)** **Attachment number_____**	DD ☐☐	MM ☐☐	YYYY ☐☐☐☐
j)	Contact Person of Certification Body for authentication of ISO Certificate			
k)	Contact details including E-mail of Contact Person for authentication of ISO Certificate			
5.	**Affidavit and Indemnity**			
a)	Model			
b)	Affidavit Provided **(Pl Attach the Affidavit)** **Attachment number_____**	Yes ☐	No ☐	
c)	Indemnity bond Provided **(Pl Attach the Indemnity Bond)** **Attachment number_____**	Yes ☐	No ☐	

Declaration

I do hereby declare that all information and documents are provided in complete manner. I confirm that all the information provided in the 'Application Form' and in the other documents is true, complete and correct. I agree that in the event of any particular information given being found false or incorrect or any discrepancy at any point of time, our application is liable to be rejected or cancelled or liable to be terminated and the wind turbine model shall be removed from the List, if enlisted, without any prior notice by MNRE. I unconditionally agree to comply with all the requirements, terms and conditions stipulated by MNRE.

Authorised Signatory

Appendix-II

(TO BE PRINTED IN Rs.100/- STAMP PAPER (Non-Judicial))

and to be NOTARIZED

AFFIDAVIT SUBMITTED ON BEHALF..... (COMPANY)

I .....…Son/Daughter/Wife of ..... aged about ..... years, having my office at ..... (Address), do hereby solemnly affirm and sincerely state as follows:

1. I am the authorized by the ..... (Designation)of the ..... (company). I have been ..... (company) vide Board Resolution / Power of Attorney/ Authorization Letter dated ..... to sign this affidavit on behalf of the company.
2. I state that ..... (company) has submitted an Application Form dated ..... (dd/mm/yyyy) for ..... in the inclusion of its Wind Turbine Model/Component ..... in the ALMM (Wind)/ ALMM(WTC). This affidavit is sworn on behalf of the ..... (company) to confirm and verify the true, complete and correctness of the information and documents provided therein. I am competent to swear this affidavit on behalf of the ..... (company).
3. I state that the manufacturer details including the name of the company, incorporation, registered office and communication address provided in the Application Form are true and correct.
4. In case of Joint Venture Company
   I state that the ..... (company) is a Joint Venture Company between ..... and..... The share holding pattern in the Joint Venture is as follows…(if applicable)
5. I state that ..... (company) has entered into a Collaboration Agreement namely " "..... (Specific name of the Agreement) signed on with .....(company) for the ..... Wind Turbine Model/Component being applied for ALMM (Wind)/ ALMM(WTC). The above Collaboration Agreement is valid for the period of ..... years from ..... (dd/mm/yyyy) till ..... (dd/mm/yyyy) The Collaboration Agreement is valid as on date and all obligations contained therein are fulfilled. Indian Territory is covered under the Collaboration Agreement.

   or

   I state that the Design Ownership Right of the Wind Turbine Model/Component ..... being applied for ALMM (Wind)/ ALMM(WTC) is owned by the ..... (company). There are no patent related issues pending for the Wind Turbine Model/Component being applied for ALMM (Wind)/ ALMM(WTC) till date either against ..... (company) or its Collaborator.
6. I state that there are no insolvency proceedings either initiated or pending against ..... (company) or its Collaborator.
7. I state that ..... (company) undertakes and has made provisions in the Collaboration Agreement for retaining all the required documentation, tools, equipments and other necessary infrastructure required to carry out the Operation and Maintenance of the installed wind turbines/components in case of termination of the Collaboration Agreement.
8. I state that ..... (company) is committed to provide Operation and Maintenance service/support for carrying out Operation and Maintenance of the all the wind turbines/components (of the wind turbine model/component applied for enlistment in

ALMM (Wind)/ ALMM(WTC)) to be installed after enlistment of the Wind Turbine Model/Component in the ALMM (Wind)/ ALMM(WTC) for a minimum period of 20 years from the date of commissioning of the wind turbines.

9. I state that ..... (company) undertakes to immediately update any change / modification in the details set out in the Application Form submitted for ALMM (Wind)/ ALMM(WTC) as and when the same may occur for review, approval and updated listing.
10. I state that ..... (company) has no objections to MNRE uploading the submitted documents Certificate of Incorporation, Type Certificate (without enclosures) and ISO Certificate in the RLMM on its website.
11. I state that ..... (company) undertakes that
    (i) The wind turbine data centre and/or server shall be in India and all data pertaining to wind turbine shall be stored and maintained within India.
    (ii) No real-time operational data shall be transferred outside India. Operational control of wind turbine shall be conducted exclusively from a facility located within India.
    (iii) The R&D Centre of Wind Turbine is in India.

12. I do hereby declare that all information and documents are provided in complete manner. I confirm that all the information provided in the "Application Form" and in the other documents are true, complete and correct. I agree that in the event of any particular information given being found false or incorrect or any discrepancy at any point of time, our application is liable to be rejected or cancelled or liable to be terminated and the Wind Turbine Model/Component shall be removed from the List, if enlisted, without any prior notice by MNRE, Government of India. (Company) ..... unconditionally agree to comply with all the requirements, terms and conditions stipulated by MNRE, Government of India. (Company) ..... undertakes to indemnify MNRE, Government of India and to execute an indemnity bond to that effect against any loss or damages for reasons set forth here above from any parties.

DEPONENT

VERIFICATION:

Verified at ....., this the .....day of ..... 20…. That the contents in the above affidavit is true and correct to the best of knowledge and belief. No part of this affidavit is wrong and nothing material has been concealed therefrom.

DEPONENT

Solemnly Affirmed at .....

On this ..... day of..... 20….

And signed his/her name in my presence Deponent signed before me

Appendix -III

{TO BE PRINTED IN Rs.100/- STAMP PAPER {Non-Judicial))

and to be NOTARIZED

DEED OF INDEMNITY

THIS DEED OF INDEMNITY executed at ..... on this ---------- day of----------, Two Thousand and on this ---------- by M/s.----------, a company registered under the Indian Companies Act, having its Registered office at ----------, India represented herein by its Authorised Signatory ----------(Name) the ..... (Designation), hereinafter called the "MANUFACTURER" (the term "MANUFACTURER" shall wherever the context so permits includes its representatives, executors, assigns, successors and successors in interest)

WHEREAS the MANUFACTURER has requested Ministry of New and Renewable Energy (MNRE), Government of India having its office at Atal Akshaya Urja Bhawan, Opposite CGO Complex, Lodhi Road, New Delhi –110 003, (herein after referred to as MNRE) for inclusion of M/s.---------- ------ along with ---------- wind turbine model/component, in the Approved List of Models and Manufacturers of Wind Turbines (ALMM-Wind) or Wind Turbine Component in the Approved List of Models and Manufacturers of Wind Turbines Components (ALMM-WTC)and has submitted an application dated ---------- (dd/mm/yyyy) along with required documents to that effect (hereinafter referred to as the "Application") with MNRE. In this regard, the MANUFACTURER is executing a Deed of Indemnity, which forms part and parcel for the Application dated ----------(dd/mm/yyyy), indemnifying the MNRE against any loss, damages, failures, performance issues, breakdowns, etc., that they may suffer or incur and in order to safeguard the interests of MNRE.

NOW THIS DEED OF INDEMNITY WITNESSETH

1. That in pursuance of the documentation submitted by the MANUFACTURER for inclusion of----------(company) along with ----------wind turbine model in the Revised List of Models and Manufacturers of Wind Turbines (RLMM) issued by the MNRE, the MANUFACTURER shall indemnify and keep indemnified MNRE against any loss, damages, failures, performance issues, breakdowns, etc., that may arise on account of such inclusion of the said wind turbine manufacturer and
   model in the Revised List of Models and Manufacturers of Wind Turbines (RLMM) issued by MNRE, based on the approval of the MNRE.
2. The MANUFACTURER shall indemnify MNRE against any loss, damages, failures, performance issues, breakdowns, etc., on account. of any insurance claim.
3. The MANUFACTURER shall indemnify MNRE against any loss, damage that may arise on account of disputes raised by any third party relating to design rights, intellectual property rights, and all other similar claims as MNRE is in no way connected with it
4. The MANUFACTURER shall indemnify MNRE against any consequential loss, damages on account of inclusion of the said wind turbine manufacturer and model in the Revised List of Models and Manufacturers of Wind Turbines (RLMM) and any other issues in connection with the MANUFACTURER and wind turbine model.
5. The MANUFACTURER shall indemnify MNRE against any documentation loss, damages if arises.

6. The MANUFACTURER shall indemnify MNRE against any loss, damages, failures, performance issues, breakdowns etc., that may arise on account of providing incorrect/false information and/or documentation.
7. The MANUFACTURER shall indemnify MNRE against any loss, damages, failures, performance issues, breakdowns etc., that may arise on account of any legal dispute arising between MNRE and MANUFACTURER or MNRE and any Third Parties.
8. The MANUFACTURER shall indemnify MNRE against any loss, damages, failures, performance issues, breakdowns, etc., due to any issues related to design, manufacture/ assembly, installation, grid synchronization / commissioning and operation and maintenance of the wind turbines.
9. The MANUFACTURER shall indemnify MNRE against any loss, damages, failures, performance issues, breakdowns, etc., or any issues at site(s) including non-compliance of IS 875 (Part 3).
10. The MANUFACTURER shall indemnify and keep indemnified MNRE against any consequential loss, damages and failures arising out or in connection with the review/ verification of documentation and information
11. The MANUFACTURER shall indemnify and keep indemnified MNRE against any loss, damages, failures, claims etc., due to changes / modifications in the Type Certification documents and other documents.
12. The· MANUFACTURER shall indemnify MNRE against any loss, damages, failures, performance issues, breakdowns, etc., or any issues at site(s) that may arise on account of any reasons apart from the above mentioned.
13. The MANUFACTURER unconditionally and irrevocably agree and undertake to indemnify and keep indemnified, save, defend and hold harmless MNRE in respect of any actions, claims, suits, demands, costs, damages, expense, failures in wind turbine / wind farms, causes of any actions for illness, injuries, death or any consequential losses that may arise in the event of such inclusion of ----------(company) along with ---------- wind turbine model in the Revised List of Models and Manufacturers of Wind Turbines (RLMM).
14. The MANUFACTURER shall indemnify and keep indemnified MNRE that in the event of any loss, liability that they may suffer or any claim that may be made against MNRE would be made good by the MANUFACTURER for the loss, costs, charges, expenses, claims whatsoever made including any claim that may be made under any act will be fully taken care of and paid only by the MANUFACTURER and no such claim made in whatsoever manner, will be fastened on MNRE.

IN WITNESS WHEREOF, the party hereto has executed this Deed of Indemnity on the date, month and year first above written.

Signature of Authorised Signatory

Name & Designation

WITNESSES:

1. .....

2. .....

Appendix-IV

Check List of Documents/requirements submitted with application

for inclusion of ..... wind turbine model/Component of ..... (Company)

S. No.	Document	Status
1.	Application in prescribed format	Yes/No
2.	Copy of Certificate of Incorporation of the applying entity issued by Registrar of Companies, Ministry of Corporate Affairs, Government of lndia.	Yes/No
3.	Document authorising the signatory to sign and submit the application	Yes/No
4.	Copy of valid Type Certificate of the wind turbine model/component, proposed for enlistment, issued by any internationally accredited type certification body as per IS/IEC /IECRE OD 501 type certification scheme	Yes/No
5.	Copy of Conformity Statement/Statement of Compliance	Yes/No
6.	Copy of Final Evaluation Report	Yes/No
7.	Copy of Certified Power Curve	Yes/No
8.	Copy of valid ISO Certificate for quality management system issued in the name of Applicant.	Yes/No
9.	Whether Type Certificate include Hub and Nacelle assembly/manufacturing facility in India?	Yes/No
10.	Whether Type Certificate documentation include major components assembly/manufacturing facility?	Yes/No
11.	Whether ISO Certificate include Hub and Nacelle assembly/manufacturing facility in India?	Yes/No
12.	Whether ISO Certificate include major component assembly/manufacturing facility?	Yes/No
13.	Copy of Accreditation certificate of Type certifying body	Yes/No
14.	Copy of Accreditation certificate of ISO certifying body	Yes/No
15.	Affidavit in the prescribed format on non-judicial stamp paper (Rs.100) duly signed and attested	Yes/No
16.	Indemnity Bond in the prescribed format on non-judicial stamp paper (Rs. 100) duly signed and attested	Yes/No
17.	All documents duly signed by authorised signatory	Yes/No