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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 47555-2026

**Wind energy generation systems - General technical
specification for the green demolition of wind turbines**

风能发电系统 风力发电机组绿色拆除通用技术规范

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Table of Contents

7 Component Storage

7.1 General Requirements

7.2 Safety Protection and Pollution Control

7.3 Storage Management

8 Data archiving and transfer

7.1 General Requirements

7.1.1 The storage site shall have legal land use rights, and the site selection shall comply with local urban and rural planning, land use planning, and environmental protection regulations. In accordance with environmental protection and other relevant requirements, it is necessary to avoid setting up facilities in unsuitable areas such as ecologically sensitive areas, flood-prone river areas, and areas prone to geological disasters.

7.1.2 The storage site should have good transportation access, facilitating the entry and exit of vehicles transporting dismantled equipment and components. Surrounding roads should meet transportation requirements. Requirements such as vehicle load capacity and turning radius are in place to ensure a safe and smooth transportation process.

7.1.3 The storage area should have sufficient capacity to meet the needs of classified storage of dismantled equipment and components. For blades and tower sections... For large components, a dedicated storage area should be reserved to ensure that there is enough space for them to be placed and to avoid mutual squeezing and collision.

7.1.4 The ground of the storage site should be firm and flat, capable of bearing the weight of the equipment and components, and prevent ground subsidence from causing the equipment to tilt or collapse.

7.2 Safety Protection and Pollution Control

7.2.1 Storage sites shall be marked with standard warning signs for general solid waste and hazardous waste.

7.2.2 Storage sites shall be equipped with communication equipment, lighting facilities, fire prevention devices, safety protective clothing and tools, and emergency protection facilities. The storage area should be free of open flames and heat sources.

7.2.3 Recycled waste oil should be stored separately according to its type and grade to prevent mixing with mud, rainwater, or other impurities. It should not be mixed with water or disposed of privately. Waste oil may be disposed of, burned, dumped, or buried.

7.2.4 Safety measures such as leak prevention and fire prevention should be added to the storage area for recycled waste oil.

7.2.5 When the storage site encounters severe weather, such as heavy rain, strong winds, or blizzards, the equipment and components should be inspected and assessed promptly after the weather subsides. Assess whether the weather will have an impact and take necessary repair and protection measures.

7.3 Storage Management

7.3.1 Storage units shall be equipped with full-time safe storage management personnel or set up a safety management organization.

7.3.2 Dismantled components such as blades, hubs, nacelles, towers, and transformer substations should be stored separately, clearly labeled, and a management ledger established. The ledger... The record should cover the type, source, characteristics and hazards of the stored goods, the date of receipt and storage location, the date of issuance and the name of the receiving unit. Records should be kept for at least 3 years.

7.3.3 Regularly inspect stored equipment and components, including checking for external damage, deformation, corrosion, etc. Check whether the signs are clear and intact, and whether their storage condition is stable. Any problems found should be recorded promptly and appropriate measures should be taken.

8 Data archiving and transfer

8.1 Engineering documents related to the green dismantling of wind turbine generator sets should be collected and processed in accordance with GB/T 50328. Organizing and archiving. The scope of documents includes, but is not limited to.

- a) Preliminary documents such as data and condition assessment documents, construction drawings, bill of quantities, and project budget for wind turbine generator sets;
- b) Project bidding documents, contract documents, construction permits, approved green dismantling plans, and other pre-construction documents;
- c) Construction documents, including various technical documents, construction logs, construction records, quality inspection reports, and safety assessment reports, etc., generated during the construction process;
- d) Post-construction documents such as project acceptance documents and acceptance reports;
- e) Other important documents related to the project.

8.2 Archives should be stored in a dry, ventilated, and safe environment to prevent moisture, insects, and mold.

8.3 Archives shall be kept for the prescribed time limit and shall not be destroyed in advance.

8.4 After the demolition project is completed, the demolition unit shall, within the specified time, hand over the compiled documents to the project owner or relevant archive management department. The receiving unit of the archives shall review the materials submitted by the demolition unit in accordance with relevant regulations.

8.5 When transferring documents, a detailed transfer list should be prepared, including the document name, number, number of copies, and media format. Transfer List Two copies should be made, with each party retaining one copy after signing and confirming it.