

AAT

RB - 1543 - 2A



Introduction



AAT Renewables are a specialist supplier of safety and technical goods & services to the Renewables Industry.

AAT has pioneered and continues to develop the one-stop shop approach to their service by offering a vast range of individual activities to their clients, to dramatically reduce equipment & personnel down-time and to reduce operating costs.

AAT are based in the town of Ayr, in Scotland, and operate throughout the UK, Ireland & Europe.

Their modern offices provide administrative support to their site operations as well as storage, workshop & testing facilities.



AAT is structured into five separate departments:

- Testing & Inspection
- Projects & Repair
- Site Operational Support
- Blades & Towers
- Equipment Sales & Hire

AAT's services are suited to the following renewable sectors:

- Wind Energy, on & offshore
- Wave & Tidal
- Solar Energy
- Battery Storage
- Hydrogen Energy

AAT Renewables

(A Division of AAT Safety)

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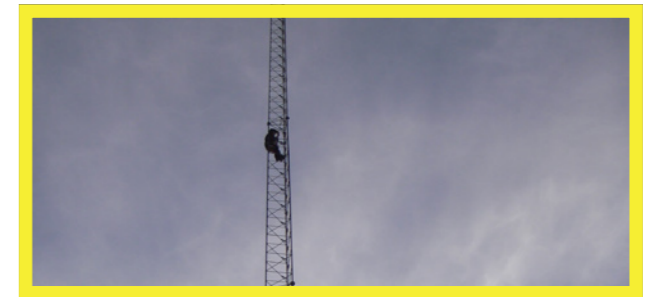
Testing & Inspection



AAT's Testing & Inspection Department provide their clients with a wide range of in-service testing & inspection services including:

- Non-Destructive testing of Welds & Metals
- Load Testing
- Ultrasonic Testing of Tower, Nacelle & Blade Bolt Pre-Load
- Mechanical Testing of Tower, Nacelle & Blade Bolts
- Wind Turbine Statutory Inspection:
 - Access Ladders
 - Service Lifts
 - Fall Arrest & Restraint Systems
 - Anchors
 - Lifting Beams
 - Pressure Systems
 - Service Cranes
 - Hydraulic Cranes
 - Rescue & Evacuation Kits
 - Fire Extinguishers
 - Fire Detection & Alarm Systems
 - Security Systems
- Inspection of Meteorological Masts
- Thorough Examination of Lifting Equipment
- Portable Electrical Appliances
- Fire Detection & Suppression Systems

- Inspection of Personal Protection Equipment
 - Fall Protection
 - Sea Safety & Survival
- Inspection of Meteorological Masts
- Thorough Examination of Lifting Equipment
- Portable Electrical Appliances
- Fire Detection & Suppression Systems
- Inspection of Personal Protection Equipment
 - Fall Protection
 - Sea Safety & Survival



Projects & Repairs



AAT's Project & Repair Team provide all of the inspection testing services of the Test & Inspection Department in addition to providing construction support & repairs of safety & lifting equipment.

AAT's Construction Support service:

- Dockside Inspection of Turbine Mounted Safety Equipment
- Installation & Commissioning of Safety & Lifting Equipment
 - Service Lifts
 - Cranes & Hoists
 - Ladders
 - Fall Arrest & Restraint Systems
 - Fire Extinguishers
 - Fire Detection & Extinguishing Systems
 - Lifting & Fall Protection Anchors

AAT's Repair Team provide on-site repairs of the following items:

- Elevators
- Hoists
- Hydraulic Cranes
- Welds

AAT Projects Team also undertake specialist projects including:

- Lifting Operations Support
 - Hoist & Hoist Chain Replacement
 - Elevator Lifting & Lowering

- Cable Installation & Replacement
- Fall Arrest System Replacement
- Lifting Plans

- High Pressure Water Jet Cleaning
 - Tower & Nacelle Cleaning
- Blade Cleaning Industrial Painting Works
- GRP Defect Investigation & Repair Works



Site Operational Support



AAT's Site Operational Support Department provide all of the inspection testing services of the Test & Inspection Department in addition to providing an onsite Testing & Inspection of Equipment Service (TIES) & a Facilities Safety Service.

AAT's TIES service can be carried out at AAT's premises or, using their bespoke Mobile Testing & Calibration Facility, at the Clients own premises or locations. The service includes the following:

- **Calibration**
 - *Linear Measurement (rulers & verniers gauges)*
 - *Torque Wrenches*
 - *Electrical Instrumentation (multi-meters)*
 - *Hydraulic & Pneumatic Gauges*
- **Hand Arm Vibration Testing (HAVS)**
- **Noise Dust & Atmospheric Testing**

In addition to testing tools & equipment, the TIES Service also offers occupational health surveillance to check employees exposed to noise and vibrating tools and equipment. AAT offer the following health checks:

- **Audiometric Hearing Tests**
- **Grip Strength Assessments**
- **Purdue Pegboard Dexterity & Coordination Assessment**
- **Cutaneous Sensory Perception**

The Site Operational Support Department also provide a workshop repair and maintenance service for:

- Elevator Motors & Brakes
- Cranes & Lifting Equipment
- Rescue & Evacuation Equipment
- Fall Protection Equipment

AAT's Facilities Safety & Security Services include:

- Inspection of Racking & Shelving
- Examination of Fork Lift Trucks, Stackers & Pallet Trucks
- Fire Detection & Alarm Systems
- Intruder Detection & Alarm Systems
- Closed Circuit Camera Television Systems (CCTV)
- Emergency Lighting Testing
- Fixed Wiring Testing
- Fire Risk Assessment
- Water Testing
- Face Fit Testing



Blades & Towers



AAT's Blades & Towers Team provide a "Tip-to-Toe" approach to wind turbines, from the tip of the blade to the toe of the tower.

Their services include:

- **Wind Turbine Blades:**

- *Inspection*
- *Repair*
- *Maintenance*
- *Retro-fit*
- *Cleaning*

- **Towers:**

- *Bolt Tensioning*
- *Ultrasonic Testing of Bolt Pre-load*
- *Tower & Tower Weld Visual Inspection*
- *Non-Destructive Testing of Tower Welds*
- *Paint & Coating inspection*
- *Remedial Painting*
- *Cleaning*
- *Inspection of Walkways & Ladders*
- *Examination of Crane Structures*

- **Subsea Inspection:**

- *Towers*
- *J-Tubes*
- *Anodes*
- *Cables & cable Protection*
- *Scour Surveys*
- *Marine Growth Surveys*



Equipment Sales & Hire

AAT's Equipment Sales & Hire Team supply safety, lifting & technical equipment for sale or hire, including:

- Rescue & Evacuation Equipment
- Fall Protection Equipment
- Tool Tethers & Dropped Object Prevention Equipment
- Lifting & Handling Equipment including temporary hoists
- Specialist Signage
- Fire Extinguishers & Fire Safety Equipment
- First Response & Medical Equipment
- Spill Control
- Temporary Power & Lighting
- Force Measuring Equipment
- Spare Parts for Lifting & Height Safety Equipment, including:
 - *Service Lifts*
 - *Nacelle Cranes*
 - *Fall Protection Systems*
 - *Height Safety Equipment*
 - *Ladder Repair Kits*
- Access Ladders
- Bespoke Design Equipment





Thank you for taking the time to read AAT's information booklet. For further information please contact AAT at:

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Or online at:
www.aatsafety.co.uk

