VIVABLAST
INDUSTRIAL ASSETS LIFE SOLUTIONS

NEWSLETTER

APR 2025

#safety #efficiency #sustainability

RENEWABLE ENERGY
Offshore Wind Blade Repair In Southern Vietnam

VIVABLAST has been actively engaged in an offshore wind blade repair project at an intertidal wind farm in Southern Vietnam since March 2025. Partnering with a leading wind energy operator, we deployed 03 teams of certified rope access technicians equipped with IRATA and GWO Blade Repair certifications. Their tasks include detailed inspections, blade repairs, and the application of Leading Edge Protection (LEP) on damaged turbine blades, all under strict client-approved standards. All technicians have been individually assessed and approved by the client, ensuring compliance with stringent project standards.

Operating in the demanding offshore environment requires more than skill, it demands endurance and unwavering attention to safety. Our experienced crews, guided by rigorous international HSE protocols, have consistently delivered high-quality repairs. This long-term engagement not only demonstrates our technical capabilities but also reinforces our commitment to advancing sustainable wind energy in Vietnam.

RENEWABLE ENERGY
Blade Inspections With Autonomous Drones

Another assignment accomplished by VIVABLAST renewable energy team was autonomous drone blade inspection campaign in Vietnam, supporting a major OEM as part of their annual preventive maintenance strategy. The project covers nearly 300 wind turbines across both onshore and intertidal wind farms, highlighting our capability to operate in diverse and challenging environments. Certified drone pilots and advanced UAV systems are being deployed to conduct fully automated inspections, delivering consistent, high-resolution data without manual intervention.

Despite changing weather conditions, our experienced team continues to ensure that each flight is carried out in full compliance with international standards. The use of autonomous drone technology significantly reduces inspection time, enhances data accuracy, and eliminates safety risks for technicians. This ongoing campaign underscores VIVABLAST's commitment to innovation and our growing role in delivering intelligent, data-driven maintenance solutions that optimize turbine performance and asset longevity.

PROTECTION SOLUTION
Waterproofing For Industrial Roof

In April 2025, VIVABLAST delivered a specialized waterproofing solution at a manufacturing facility in Vietnam, addressing water ingress issues at the openings between the metal roof and the chiller column bases for a major industrial client. To resolve this problem, our team applied Triflex Pro Detail, a high-performance waterproofing system engineered for complex and hard-to-reach roof details. The process involved thorough surface preparation, precise application under challenging conditions, and quality inspection to ensure a durable seal.

This project posed significant challenges due to the active manufacturing environment with high surface temperatures reaching up to 50°C and limited access around the chiller bases. Thanks to the expertise of our skilled applicators and strict adherence to safety protocols, VIVABLAST efficiently completed the waterproofing work with minimal disruption to operations. The client expressed satisfaction with the solution's effectiveness and our professional execution, reinforcing our reputation as a reliable partner in industrial protective coatings.

COATING SOLUTION
Restoring Valves With Advanced Ceramic Coatings

VIVABLAST recently delivered a coating service for a logistics company whose valve had suffered severe corrosion due to prolonged exposure to harsh marine conditions. Our scope of work included restoring the original valve structure by rebuilding the metal surface using Belzona 1311, followed by applying a ceramic protective layer with Belzona 1341. This advanced solution effectively addressed the corrosion issue, strengthened the valve, and prepared it for long-term operation under aggressive environmental conditions.

This project posed challenges due to the degree of degradation and the demand for high corrosion resistance in a marine environment. However, by leveraging our certified technicians and proven surface protection process, VIVABLAST ensured the coating was applied in strict accordance with Belzona's technical standards. The outcome: a fully restored valve with enhanced durability, reduced risk of future damage, and optimized maintenance cost for the client.

CERTIFIED
ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS

EVERYDAY ANYWHERE ANYTIME PRESERVING YOUR ASSETS

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