



OIL & GAS

COMPREHENSIVE PROTECTION SOLUTION FOR UNMANNED OFFSHORE PLATFORM



VIVABLAST has reached a significant milestone in our offshore project by delivering a comprehensive protection solution for an unmanned oil and gas platform in Thailand for a North Sea Gas Giant. Our solution includes Thermal Spray Coating, Protective Coating, Deck Coating and Passive Fire Protection. The project's scale is demonstrated by the completion of more than 16,000m² of main structure coating in just three months, utilizing multiple coating systems for optimal corrosion protection. After months of dedicated effort, the team successfully coated and is ready to dispatch the first shipment to the North Sea.

We extend our sincere gratitude to our client for entrusting us with this project. This opportunity has enabled our skilled workforce to showcase their commitment to international safety and quality standards. Our success is a testament to detailed planning, thorough preparation, and flawless execution. By successfully completing this unmanned offshore platform project, VIVABLAST solidifies its position as a global leader in protection solutions, capable of delivering exceptional results in the most challenging environments. ■

RENEWABLE ENERGY

WIND TURBINE LEADING EDGE REPAIR AND PROTECTION



VIVABLAST has executed a vital wind turbine leading edge repair and protection project this month, benefiting a nearshore wind farm in Vietnam. Exposed to Vietnam's monsoonal climates, wind turbine blades are particularly vulnerable to severe erosion, a billion-dollar challenge where even minor leading edge damage can reduce efficiency and risk catastrophic failure. Our certified blade technicians, using rope access technique, has performed a comprehensive process encompassing inspection, damage evaluation, and the repairing of the highest damage categories on wind blades, followed by the application of advanced protection to prevent further erosion.

With nearly decade of experience, VIVABLAST with our highly skilled IRATA and GWO certified technicians has demonstrated our commitment to protecting wind turbines and maximizing their lifespan. Our protective coatings, custom-designed and chosen by client, offered exceptional adhesion, durability, and resistance to various environmental factors. To guarantee the project's complete success, we collaborated closely with the client and strictly adhered to the manufacturer's standards. We successfully met the client's tight deadlines, even under challenging working conditions, while maintaining the highest safety standards. ■

PROTECTION SOLUTION

BELZONA APPLICATION FOR THE CENTRIFUGAL PUMP



VIVABLAST, as a leading industrial asset solutions provider, addressed client in petrochemical industry challenges with internal protection by implementing advanced Belzona coating system for centrifugal pump at our Vung Tau workshop. Centrifugal pumps employed in wastewater treatment systems are subjected to harsh environments, resulting in internal erosion and corrosion. By applying Belzona 1311 and 1391T in strict adherence to Belzona's technical guidance, we successfully overcame this challenge, achieving optimal project outcomes.

We applied Belzona 1311 to rebuild the metal surface and provide a smooth finish, and subsequently applied Belzona 1391T to create a corrosion-resistant coating with a high-temperature tolerance of up to 250°C. With extensive experience in surface protection, the working process was executed by our team of certified technicians and NACE III inspectors following international surface protection standards with stringent safety, under a strict supervision of QA/ QC professionals, meeting the client's demanding timeframes, technical requirements and financial budgets. ■

MANUFACTURING

STEEL STRUCTURE CLEANING BY GLASS BEADS BLASTING



This July, VIVABLAST was engaged by our valued manufacturing client to undertake a glass bead cleaning process for their steel structures. Our team deployed highly skilled technicians, state-of-the-art materials, and specialized equipment to execute the cleaning operation at our facility. The process effectively removed contaminants, including dirt, rust, and existing coatings, from the steel structures' surface, resulting in enhanced functional performance and visual appeal.

Leveraging extensive industry experience, our highly skilled and certified technicians, combined with rigorous QA/ QC protocols and detailed reporting at every stage, ensured project success through fully cleaned steel structures delivered to our client. VIVABLAST ensured the safety and well-being of all personnel through strict adherence to HSE regulations, fostering a collaborative partnership with client. ■



EVERYDAY ANYWHERE ANYTIME PRESERVING YOUR ASSETS

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