

Gemini Energy Services

Bryson, TX, USA

Project Overview

Serving wind turbine manufacturers nationwide, Gemini Energy Services prides itself on the ability to provide custom maintenance solutions that use the highest quality technology and workflows. When the time came to perform routine tower maintenance on a 100-meter wind tower turbine in Bryson, TX, Gemini knew they could turn to Tractel® for equipment that minimizes potential fall hazards while facilitating successful operations for wind industry workers at height.



The Challenge

Wind industry maintenance is subject to multiple Occupational Health and Safety Administration (OSHA) regulations intended to protect workers by reducing the risk of falls, electrical hazards, machinery accidents, and more. When working on Bryson's wind tower turbine, this meant that Gemini needed to outfit teammates with protective harnesses, which could help either absorb the impact of a fall or distribute it equally across the body to reduce risk of injury, as well as lanyards strong enough to suspend workers in a fall, yet flexible enough to maintain ease of operations at multiple points on the structure.



The Solution

As the complete product solutions provider for Gemini Energy Services' more than 90 technicians throughout the United States, Tractel's experts consulted with Gemini stakeholders and identified a suite of products that best fit the Bryson project's needs.

These included multiple items from Tractel's expansive catalogue of OSHA-compliant equipment. First was the AU7139/XT-Logo Trac X Wind Harness, fabricated with a snap release lanyard keeper to minimize the risk of tripping and obstruction. Attaching to the harness was the extendable Tracpac F2 Lanyard, featuring a dual shock absorber that protects wind workers from lateral pull injuries in a fall, as well as a dual arm design that always enables safe connection to working surfaces. If workers found themselves in need of aid, our experts also supplied the KT7400/AKS derope® Up A Descent Device System, a full rescue kit capable of both ascent and descent (thanks to a hand wheel winch model that allows for lifting) and requires minimal training for successful use.



Safety, Compliance, and Success

Gemini Energy Service's commercial wind tower maintenance project encapsulates all the vital needs of wind and solar industry workers. When operating at height, technicians need to know that they're equipped with the gear that will help them stay safe while successfully completing installations, diagnostics, and repairs of intricate (and potentially costly) components. Meanwhile, organizations like Gemini also need to know that the equipment they offer team members complies with the regulatory made to reduce the risk of accidents as much as possible. That's why Gemini trusts Tractel as its complete Wind Energy equipment supplier for maintenance, installation, and protective solutions.



Conclusion

Commercial and industrial entities responsible for ensuring employee safety trust Tractel with equipment needs because we have decades of proven experience providing custom protective solutions. When you consult with Tractel, our experts listen to the needs of your wind energy service teams, then recommend options ranging from harnesses and lanyards to helmets, hoists, and more—all of which will help you remain OSHA or CCOHS-compliant.

To achieve these results for yourself, reach out to Tractel, and join Gemini Energy Services in protecting your technicians with protective equipment trusted throughout the wind energy sector.



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