

How GWO Training Helps Nordex Improve Safety Performance.

During the last two years, Nordex's Division Europe achieved substantial HSE performance gains. This did not happen by chance. By introducing GWO training as a precondition for its employees and contractor personnel, the German OEM has minimised their risk of injury. The results are clear across multiple indicators: GWO training boosted safety performance and technicians' availability while making its own employees and contractor personnel feel safer at work.

Like other OEMs, Nordex Group has increasingly outsourced onsite work to external contractors. This prompted the need to streamline HSE requirements that resulted in the company making its HSE Agreement an integral part of the contract with its partners globally from February 2020. The new HSE Agreement's Health and Safety Provisions state that Nordex Group will accept only contracted workforce with training to GWO standards for onsite construction and O&M work. Core aspects of the HSE Agreement integration were:

- 100% of the contractor personnel from BoP contractor companies, crane & special transport companies must have completed the First Aid, Fire Awareness and Working at Heights modules from GWO's Basic Safety Training Standard.
- At least two people in each working team must be trained in First Aid and Fire Awareness.
- 100% of the crew from turbine supply agreement (TSA) contractor companies who carry out turbine installation must be trained in the First Aid, Fire Awareness and Working at Heights modules from GWO's Basic Safety Training Standard.
- The HSE Agreement further maintains that additional GWO training might be required based on the specific job profile.

Safety Performance Figures at Nordex Group Speak for Themselves

The relationship between the implementation of GWO training standards in February 2020 and HSE performance in the following two years is clear:

- In 2022, all indicators of safety performance (i.e. Total Case Incident Rate, Lost Time Incident Frequency, First Aid Case Frequency, Medical Treatment Case Frequency, Near Miss Frequency Rate, Unsafe Situation Frequency Rate) exceeded Nordex's target KPIs.
- The number of injuries that resulted in the loss of productive work time (LTI) dropped by 72% from 2020 to 2022.
- The lost time injury frequency (LTIF) declined by 81% from 2020 to 2022.
- The cases where it was necessary to administer first aid decreased 34% from 2020 to 2022.
- Medical treatments were down 52% from 2020 to 2022.
- The number of HSE incidents, previously stable YoY from 2019 to 2020, more than halved from 2020 to 2022.





"Attaining a safer working culture and environment is at the core of Nordex's approach to wind. Our strong safety performance shown here over the past few years gives me great confidence in the value that GWO certified training has brought to the business. Not only that, I know that week in and week out the lives of my colleagues who deliver on our programmes are safer with lower risks."

Dr. Marko Ladehoff
Director QHSE, Division Europe

Better Safety Performance Helps Raise Technician Availability Above the Annual Average

Aside from the employer's duty to ensure safety of its workforce, one of the other upsides from an improving safety performance is availability. A fit and healthy workforce can be more productive and Nordex's recent innovations have yielded valuable results. The working hours of Nordex Group's Division Europe increased by 23% from 2015 to 2020. However, the Division recorded the biggest gain in the period following implementation of GWO training, with working hours increasing by an impressive 41% in only the last two years.

GWO Training Makes Technicians Feel Safer at Work

Mandating GWO training had not only a positive impact on Nordex' safety performance and technicians' availability. The share of internal and external respondents to Nordex' QHSE surveys that identified GWO training as the main reason for improved HSE performance leaping from 6% in 2020 to 27% in 2022. This demonstrates not only that broadening the adoption of GWO training helps enhance safety and availability, but also that it actively contributes to building a solid safety culture that makes people feel safer at work.

About Nordex Group

The Nordex Group has been a member of Global Wind Organisation since 2019, and is a strong supporter of the association's work in securing a safer wind industry working environment. With approximately 9,100 employees (2,800 of which currently in scope to receive GWO training), the company has played an important role in GWO's success during the past year, building on three years of consistent representation. Nordex's Division Europe safety performance is tracked throughout its 25 operating countries.

Global Wind Organisation
www.globalwindsafety.org

