Tropical Cyclones, Low Temperature and Icing Climate


TÜV NORD is accredited for the GL Technical Note – Certification of Wind Turbines for Tropical Cyclone Conditions, the DNVGL Reccomended Practice 0363 for Extreme Temperature Climate as well as the DNVGL Reccomended Practice 0175 for Icing Climate.

All three standards provide additional principles and technical requirements for wind turbines in extreme climate conditions. These standards are intended for application in connection with certification schemes for type certification, component certification and project certification.

The topics extreme temperatures and icing climate, formerly covered in one technical note, were recently divided into the DNVGL Recommended Practices (RP) 0363 and 0175.

The RP 0363 covers conditions of extreme temperatures outside of the normal temperature range, which includes high and low temperature conditions, whereas the RP 0175 considers icing condition, which may also occur in the normal temperature range.

For the topics tropical cyclones conditions, extreme temperature climate and icing climate, TÜV NORD is your accredited partner.

Please contact us, if you need more information about the above mentioned standards.