Loads Engineer

CREADIS IS CURRENTLY SEARCHING FOR EXPERIENCED WIND TURBINE LOADS ENGINEERS IN KRAKOW

Become part of a dynamic and growing company

We are currently searching for experienced wind turbine Loads Engineers to support some of the world's leading wind turbine manufacturers as they expand and improve their existing product line. We are a company with a global reach and we are working more and more across borders in global teams. With a tremendous growth combined with a high demand for our services, we are currently looking for skilled and dedicated engineers to work from our Danish or international offices.

DIS applies advanced technology to develop new products, processes and production equipment. DIS is an innovative and fast growing engineering and consultancy business that delivers technology and business results to a variety of industries, in an expanding global footprint. We have a complete skillset to solve mechanical, electronics, software, project management, electrical and automation projects.

Leave your mark on the future solutions

You will be responsible for delivering design loads, power curve and noise envelope for new or existing wind turbines in our customers' product portfolio. You will perform data analysis and provide insight and recommendations for product improvement. Also, you will deliver the corresponding documentation and perhaps be part of the certification team working with 3rd party providers.

The position requires highly analytical skills and the ability to work both individually and as part of a team. You will work with aero-elastic codes and other specific data processing tools. You will also be involved in verification and site specific validation tasks based on field measurement.

Your profile

We require that you hold a relevant M.Sc. or a Ph.D. in mechanical engineering or a closely related field (civil, wind, structural engineering or control engineering). Furthermore, it is essential that:

• You have experience with basic concepts in wind energy such as wind turbine design, aerodynamics and control
• You are familiar with aero-elastic codes such as Flex5, Bladed, FAST or HAWC2
• You are familiar with dynamical systems and loads simulation
• You have knowledge of control of mechanical systems and you have programming experience (Matlab, etc.)

Moreover, it is beneficial to have knowledge of:

• Wind turbine structure, operation and dynamics
• Wind turbine standards as IEC 61400-1
• Reliability analysis
• Multibody modelling
• Systems dynamics

We look forward to hearing from you

Please send your application and CV via our recruitment system. Applications will be handled on an ongoing basis. Should you have any questions regarding the position, you are more than welcome to contact recruiter, **Alicja Jasinska, +48 53 65 52 232, alicja.jasinska@creadis.com**