

Orcan Energy AG

Shape the Future – Implement Energy Efficiency

As world energy consumption sky-rockets, we are continually challenged to create sustainable and affordable new energy resources. At Orcan Energy AG, an affiliate of the Technical University of Munich, we have assumed the task of developing viable energy alternatives to meet tomorrow's needs. Our pioneering development generates energy simply by using a so far untapped and CO₂-neutral source with huge potential for the society: Waste Heat!



If you want to be part of a dynamic and innovative team and leaving an ecological footprint in the Shipping Business, then we are looking for your expertise. Don't hesitate to apply for the international challenging position as an

ORC- Application Engineer Marine (m/f/d)

Your future tasks:

- Support Orcan Energy's marine team in relation to marine waste heat recovery sales cases and support on installation review and technical integration of the efficiency PACK in existing and new ship's applications after contract award.
- Work proactively with shipbuilders, packagers, suppliers and/or end customers prior to a formal project start in order to design and propose new engine room layouts with regard to efficiency PACK integration.
- Create installation drawings and P&ID schematics of efficiency PACK installations considering exhaust systems, electrical interfaces, cooling systems, ...etc. and implement revision adaptations into the technical manual library
- Provide (risk) analysis and feasibility calculations with regard to existing and new installation options of the marine efficiency PACK.
- Cooperate and liaise with the R&D engineering team in Munich in order to develop technical improvements and new technical component features for marine based efficiency PACK applications.

Qualifications you will need for the job:

- Academic degree (Bachelor / Diploma / Master) in Process, Marine or Mechanical Engineering or equivalent combination of education and experience in a technical environment.
- Minimum 3 years of process engineering experience or progressive marine nautical experience, in particular marine powerplant application engineering
- Knowledge of ORC [Organic Rankine Cycle], energy systems or refrigeration technology is an advantage but no essential requirement).

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- Professional knowledge and proven experience of marine mechanical & electric application engineering, i.e. engine room lay-outs & combustion engine and electrical propulsion technology (of advantage).
- Professional (fluent) knowledge of English language. German and/or Dutch languages are beneficial.
- Professional and clear written -and verbal communication skills, ability to be a conversation & negotiation partner of senior technical management of shipowners & shipyards
- Willingness to frequently travel and international, long-term exposure.

What you will expect from us:

- A vibrant and dynamic German and Dutch team with several years of experience in both: Marine engineering and the ORC-Technology, that will train and support you from the beginning in order to guarantee a sound start in carrying out the business.
- As the vacant position is predominantly reflecting a highly dynamic work characteristic environment, the workstation location may either be a combination of international travelling [30 % of time] to shipyards & shipowners and presence at either the Orcan Corporate Office based in Munich, Germany and/or the Orcan Marine Product Group Office in the Netherlands.
- Despite being most of times out and about, you will be an integrated team member to all Orcan colleagues and will participate in our quarterly team events and fun occasions

If you are convinced and interested in Orcan then we are looking forward to getting to know you!



Are you dedicated, flexible and creative? Do you appreciate open-mindedness and quick decisions? If so, please send your e-mail application to:

career@orcan-energy.com

Orcan Energy AG, Human Resources, Rupert-Mayer-Straße 44, 81379 München, Germany

