

Martin Riddersholm
Electrical Consultant
CVR-nr: 39034840
Curriculum Vitae:

Personal Statistics:

Citizenship: Denmark
Date of Birth: 1981-01-09



Language Capabilities:

Language	Level
Danish	Native
English	High
German	Medium

Contact information:

Location: Røllikevej 40, 6800 Varde
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Web.: www.Riddersholm.one
www.Egensikker.dk

Linkdin profile:
<https://dk.linkedin.com/in/martinriddersholm>

Current Position:

Owner of: Egensikker.dk and Riddersholm Ejendomme ApS.

Academic and Professional Attainment:

Electric Engineering 2004, Den Jyske Haandværkerskole.

Who am I:

As an individual who is constantly striving for self-improvement, my personal and professional identities are closely intertwined. I am always on the lookout for opportunities in various projects and situations, which fuels my drive at work. In my downtime, I enjoy engaging in physical training, as it replenishes my energy to tackle challenging days. I view criticism as a constructive opportunity for growth, applicable to both my personal and professional life.

Summary of Professional Experience:

15 years of experience in design, construction and inspection of electrical installations in Oil and gas industry "Explosive atmospheres" according with [ATEX Directive 2014/34/EU](#) (EN 60079).

7 years of experience in design, construction and inspection of panels and switchboards according with "Low-voltage switchgear and control gear assemblies" (IEC 61439), "Safety of machinery - Electrical equipment of machines" (60204-1) and "Underwriters Laboratories" (UL 508A).

Computing Skills:

MS Office, Word, Excel, PowerPoint, SAP.

Present Position:

Freelance Consultant, and project manager at Egensikker.dk

Experience at Orsted Bio Denmark:

2023/2024 E&I ATEX /SIL Project Engineer

Experience in TotalEnergies:

2019/2022 Maintenance Instrumentation department

- System responsible for instrumentation on all installations:
- Radioactive sources, Norm/Tool's, Portable Gas Detectors.
- Maintenance of instrumentation ATEX integrity
- Handling of replacements of obsolete components.
- Onshore / Offshore support.

2018/2019 Maintenance:

- Minor projects
- System responsible for Tyra East, Tyra West, Satellites & Harald:

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Navaid system, HV/LV-Switchboards, emergency, flood-light & normal light, Junction boxes, Heat-tracing.
Maintenance power ATEX integrity
Tyra Close out production – Preparation for Tyra Future project.

Experience at Maersk Oil & Gas:

2017/2018 Electrical maintenance department:

Minor project assistance
System responsible for Tyra East, Tyra West, Satellites & Harald:
Navaid system, HV/LV-Switchboards, emergency, flood-light & normal light, Junction boxes, Heat-tracing.
Maintenance power ATEX integrity
Tyra Close out production – Preparation for Tyra Future project.

System responsible, HV/LV

Experience at Ce-Tec:

General tasks:

Project work, creation of job card for Maersk Oil & Gas:
TMM917 - Dan F WI Choke Replacement
ENG232 - Gorm Reduandant, Equipment Decommission

Working with updated instructions and work instructions, acc. EN 50110-1(Operation of electrical installations)

Experience at DNV GL:

General tasks:

Review of Design specification for top-side facilities on offshore platforms
Electrical and Instrumentation Design Review
Analysis of component failure
Review of cause and effects diagrams for safety systems
Perform SAT and FAT test.
Perform surveys on top side facilities on offshore platforms

2016: Onshore:

Design Verification of E&I on Cranes for Culzean Project
Client: Liebherr, Maersk

2015: In-service, Offshore surveyor:

Inspection of various safety related jobs with reference to monitoring of applied QA/QC performance,
Power, instrumentation, F&G, ESD-software.
Visual inspections, Line-walk, Witnessing test
Client: HESS Denmark, South Arne

2015: ASTF onshore survey for Fertail Annaba, Algiers:

Inspection of ammonia plant with attention on process and environmental safety
Visual inspections, Line-walk, review of maintenance
Analysis of component failure
Client: DNV GL office, Paris

2014: In-service, Offshore surveyor:

Installation of emergency generator, fire-water pumps
Visual inspections, Line-walk, Witnessing test
Client: DONG Energy, Siri

2014: Project Engineer, Offshore surveyor:

Hejre Jacket - Maersk Resolve, Hook-up for Pre-drilling

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Design hook-up.
Offshore hook-up inspection and commissioning test.
Client: DONG Energy

Experience at Semco Maritime:

2012-2013:

Project/Site Engineer, Commissioning / Offshore Supervisor:
Northwind transformer platform, OHVS
Design LV-switchboards, UPS and generator.
Installation and commissioning of LV-power package.
Punch list coordinator, and responsible for clearing punches.
Coordinator of Platform compliance with legislation, for Vincotte(Belgium) to release certificate.
Offshore consultant for HV-commissioning of OHSV-platform.
Client: Park Wind, Belgium

2012:

Project Engineer: - Transformer platform, Borkum Riffgrund:
Design switchboards and generator testing.
Onshore Installation and commissioning of LV-power packages.
Client: DONG Energy

2012:

Project Engineer: - South Arne, North Sea:
Offshore survey prior to IP343 project quotation. Survey included:
Replacing valves with EX-d
Installing new control switchboard
Completing new installation of valves, cables and controls
Client: Amerada Hess, South Arne

2012:

Project Engineer: - Tyra West, North Sea:
Onshore engineering and pre-design for HVAC upgrade
Client: Maersk Oil & Gas, Tyra complex

Experience at Pro/Automatic:

2011:

Project Engineer: - Anholt Transformer platform:
Building new control panels for GIS-control system.
Client: Energi-Net

2010:

Project Engineer/Supervisor:
Design MCB switchboards and RIO-panels, for protein extraction of potatoes.
Engineering, FAT-Test, Onsite supervision, commissioning
Client: AKS Toftlund

2010:

Project Engineer, Tican, Fjerritslev:
Design MCB control boards for butcher lines.
Quotations, Engineering, FAT-Test, Commissioning.
Client: B.V. Electronic

2009:

Project Engineer / Daugavpils, Latvia - Supervisor:
Building new production line for painting Siemens turbine houses.
Onsite supervision, commissioning and coordination with local electrical.
Client: JHM/Moldow, East Metal

2009:

Project Engineer:
Design control boards for corn cranes for offloading from vessel.
Quotation, Engineering, FAT-Test, Support commissioning.
Client: Intertec

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- 2009: Project Engineer, Programming /Staffantorp, Sweden - Supervisor:
Design control system for water regeneration and for removing gaskets from doors
Quotation, Engineering, FAT-Test, Programming, commissioning.
Client: Alfa Laval
- 2009: Project Engineer, Danish Crown, Skive, Struer, Grindsted:
Design MCB control boards for butcher lines.
Quotations, Engineering, FAT-Test, Commissioning.
Client: B.V. Electronic
- 2008: Project Engineer, Danish Crown, Skjern:
Design MCB control boards for sorting and package pallets.
Quotations, Engineering, FAT-Test, Commissioning.
Client: B.V. Electronic
- 2008: Project Engineer, SP Fönster, Poland:
Design MCB control boards conveyor painting lines.
Quotations, Engineering, FAT-Test, Commissioning.
Client: Prima vent
- 2007: Project Engineer, Fredericia Fjernvarme a.m.b.a.:
Design 4 maneuver boards with HMI.
Quotations, Engineering, FAT-Test, Commissioning.
Client: B.V. Electronic
- 2007: Project Engineer, Danish Crown, Blands:
Design MCB Switchboards for new cooling magazine.
Quotations, Engineering, FAT-Test, Commissioning.
Client: B.V. Electronic
- 2006: Project Engineer, Skjern Lem, Elforsyning:
60/10kV control board.
Engineering control panels, FAT-Test,
Client, Skjern Lem, Elforsyning
- 2006: Project Engineer, Rensningsanlæg, Ringkøbing:
Design new MCB control boards, water spill cleaning.
Quotation, Engineering, FAT-Test, Support commissioning.
Client: B.V. Electronic
- 2006: Project Engineer, DLG Svendborg:
Design new MCB Switchboards and I/O Junctionbox's, for the grain system
Quotations, Engineering, FAT-Test, Commissioning.
Client, DLG Svendborg
- 2005: Project Engineer, Site commissioning:
Engineering Switchboards and control panels for grain storage system.
Engineering, FAT-Test, Commissioning.
Client: Valsemøllen, Esbjerg
- 2005: Project Engineer, Seest Huse, Kolding:
Design new MCB switch board for exhaust and air cleaning System.
Quotation, Engineering Switchboards and control panels, Programming, Commissioning.
Client: Prima vent
- 2003: Vacation Job's:
EL:CON, Hadsten and Låsby El-forretning, Låsby.

Education:

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2002-2004: Electrical Engineer, DJH Academy, Hadsten
1998-2002: Electrician, Henne-Outtrup EI-Service

Professional Training

2022: NORM Danish regulation regarding ionising radiation
2022: NORM, RPS, measurement, regulation and procedures
2022: HUET Course, with CA-EBS
2022: H2S basic course
2022: Stress Management
2019: L-AUS / AUS, ATEX up date legislation
2017: L-AUS og EN 50110 EI-Sikkerhed (DK)
2016: Norwegian Certificate of medical fitness
2016: HUET Course, with Additional Norwegian territory
2016: Maersk Drilling HSSE Course
2014: DNV GL Code of Conduct – An introduction to expected conduct and behavior in daily business
2014: 2010w DNV GL's approach to Anti-Corruption and Anti-Trust – An Introduction
2014: DMSO Introduction - Management System in Oil & Gas
2014: Basic Health, Safety and Environment, web
2014: Office Ergonomics
2014: Defensive Driving
2014: Introduction to Quality Event Tracker (QET) Web
2014: Stress Management
2014: Basic Health, Safety and Environment, web
2014: Basic health and safety training for field operations - web

Hobbies:

Training triathlon sports

Completed races:

2021: HCA Halvmarathon
2019: Vejle Fjord Challenge 2021
2018: Challenge Herning
2017: Xterra West Coast
2016: Xterra Århus
2017: Vejle Fjord Challenge 2021
2016: Lillebælt Halvmarathon
2016: Xterra West Coast (despite cancellation)
2016: Xterra Mon Olympic distance
2016: HCA Halvmarathon

Volunteer / charity:

2022- : Board work in the kindergarten, Søndermarken.
2020-2023: Trainer parent child gymnastics
2008-2010: Red Cross, Samarit
2010-2013: Red Cross, Team leader, Activity lead, Samarit, and Board member.