**Curriculum Vitae of Giulio De Liso**

**Surname:** DE LISO **First Name:** GIULIO

**Nationality:** ITALIAN **DOB:** 27/10/1964

**Passport N.:** YA8510046 **Expiry Date:** 25/11/2025

**Resident in South East Asia – Thailand**

Available for moving to other location - 26 Years’ experience in the oil & gas industry.

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## Electrical Engineering Professional

A qualified Electrical & Instrument Engineer credited with combining project management, leadership and interpersonal skills. Proven success in diagnosing and resolving engineering issues, supporting installation, testing, and troubleshooting of rig equipment. Skilled in applying quantitative models to improve the design and operation of modern electrical systems. Able to formulate short and long-term strategies, communicate values, and drive critical engineering decisions in order to meet or exceed stated objectives.

### Areas of Expertise

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| * Equipment Maintenance * Drilling projects & construction * Operation Monitoring * Surveys, Inspections and assessments | * Quality Control Analysis * Troubleshooting/ Repairing * Reading Comprehension | * Systems Analysis * Time Management * International standards and codes |

### Professional Experience

MODUSPEC – LLOYD’S REGISTER **2010 -** Present

electrical& Instrument Surveyor – Supervisor for the client

Acceptance for construction / commissioning and selection inspections for drill ships, FPSO, semisubmersible drilling rigs, Jack ups and land rig drilling equipment in line with international standards and class society rules. Involve in safety inspections, and commissioning of new build vessels and significant upgrades/modifications. Work two years in South Korea shipyards (SHI) as electrical superintendent and maintenance supervisor for a major drilling contractor projects Reviewed all pre commissioning and commissioning dossiers before system acceptance and responsible for validating check sheets, functional test sheets and reports. Develop check list and survey plans in line with QCPs and ITPs to facilitate surveys and provide project managers with visit and condition reports.

* Accompanied surveys on mobile offshore drilling units during and after construction to ensure safety of crew (HSES), protection of environment and to maintain the integrity of the vessels.
* Statutory surveys included knowledge of international standards and codes (DNV, ABS, Lloyds Classes and API, IEC, IEE, NFPA, NEC, NORSOK, NOPSEMA and MODU regulations as well as interfaces with SOLAS, MARPOL, ISO and OHSAS)
* Sustained professional relationships with clients, flag state authorities and vessel crew/shipyard personnel.
* Directed the pre-commissioning & commissioning progress of E&I in line with punch lists & survey schedule.
* Evaluated performance and status reports; provided direct reports to the project managers. Actively engaged with contractors on site to allow for seamless distribution and dissemination of vessel inspections.
* Implemented training programs and maintenance policies. Trained and mentored new employee; this led to improved service quality, customer satisfaction, performance turn around and significant error reduction.
* Produced and evaluated SIT (System Integration Test) Organized acceptance test procedures for the client and integration analysis for final acceptances of complex systems.

NORTHERN OFFSHORE - VIETNAM **2009 -** 2010

Head of department - electrical

Conducted a drilling campaign off-shore Vietnam. Maintenance and upgrading of drilling, power generation / control and marine equipment. Ensured that electrical equipment for controlling power distribution, instrumentation and safety/drilling equipment operated at safe operational efficiency.

* Upgrading of marine and drilling equipment with Aker Maritime DDM top drive
* Administered maintenance activities and troubleshooting during operations.
* Executed and implemented programmed maintenance system.

SEADRILL - SOUTH KOREA and off shore operations **2007 -** 2009

Electrical and Instrumentation Supervisor

Rig operations as well as commissioning for deep water last generation drill ships at (SHI) South Korea to ensure compliance meet with project and statutory requirement. Supervised the operation in drill-ships and organized maintenance plans with data base management system. Conducted final acceptance test and integration acceptance test.

* Developed and managed punch lists and the commissioning schedule in line with project requirements.
* Administered sea-trials and reviewed general arrangement drawings to ensure electrical fittings/equipment were installed and commissioned in line with clients’ requirements and classification society regulations.
* Executed and implemented surveillance activities and inspections for MCC “Mechanical Completion Checks” and for the DMCC “Detailed Mechanical Completion Checks”.
* Directing maintenance activities during off-shore operations with NOV drilling systems and Aker Maritime ram rig equipment.

SEADRILL, JAPAN AND EAST AFRICA DP SCIENTIFIC DRILLSHIP 2006 - 2007

Electrical and Instrumentation Supervisor

Completed a scientific drilling campaign for strategic ultra-deep-water project on a research vessel. Ensured that electrical equipment responsible for controlling power distribution, instrumentation and safety/drilling equipment operated at 95%+ availability and efficiency.

* Performed routine maintenance on hydra lift drilling instrumentation (NOV Cyber-Chair with Simatic PLC) and machineries (SCR’s and VFD’s). Maintained rig cranes and the BOP control system. Commissioned electrical equipment aboard the vessel in support of maintenance philosophies and strategies, which results in enhancing operational efficiency.
* Installed and upgraded the new NOV top drive system with VFD drives as per the requirement.
* Executed surveillance activities and commissioned electrical equipment on the vessel, including drilling equipment and associated machinery equipment by using database PMS system.

SAIPEM 2003 - 2006

Electrical and Instrumentation Supervisor

Functioned as an Electrical section leader on Jack-ups in the Middle East off-shore and dealt with Class inspections and requirements. Reported, scheduled and performed programmed maintenance for the electrical department with AMOS maintenance program system.

* Handled Maritime Hydraulic drilling machineries and control DDM, Iron Roughneck, Racking Arm, Catwalk-Machine and Active Heave Compensator.
* Installed, commissioned and accepted the new top drive DDM system. Worked on Varco MD Totco drilling console, Honeywell Scan 3000 Vessel Management System and Ross Hill Graham SCR’s.
* Competent knowledge of GE drilling and Anchor Winches DC motor drives, ESD and Fire and Gas panel. Ability to work with Marine Cranes and upgrading of rig as per DNV standards.

SAIPEM

Electrical and Instrumentation Technician 1998 – 2003

Electronic technician on Self-propelled semi sub rig in the Norwegian off-shore.

* Completed a variety of drilling campaigns on the Norwegian North Sea.
* Ensuring efficiency of equipment in line with NORSOK requirements.
* Maintenance and upgrading of Honeywell vessel management system, Aker DDM top drive and safety equipment (Fire /gas control panels and ESD) as per Norwegian standards.

SAIPEM

Chief electrician 1993 – 1998

Chief electrician on Self-propelled semi-sub and jack-up rigs in West Africa and North Africa.

* Developed significant competence in upgrading drilling rigs with new generation equipment in line with statutory requirements.
* Chief electrician and electronic technician on on-shore drilling rigs in West Africa. Conducted maintenance and troubleshooting at power distribution systems and electronic control systems (Instrumentation and PLCs)

SAIPEM

Electronic Technician 1990 – 1993

Electronic technician on DP semi-submersible drilling rig. Maintenance and troubleshooting of drilling, DP, marine and safety equipment.

Career Notes

Chief electrician – Steel plant in Italy (1988 - 1989)

Electronic Technician– Steel plant building / commissioning in Russia (1987 - 1988)

Electrician – Power plan building and commissioning in Iraq (1986 – 1987)

### Education & Certificate

**BS Degree, Electrical Engineer (Technical University)**

**Design, Development Assessment and Operations of FPSO (Maritime Academy UK)**

**Certificates:**

* Regulation for Electrical Installations and Maritime Installations.
* OPITO Training Certificate; Safety and Emergency Training Course (OGUK Medical certificate.
* First Aid Training for Electrician (Norsk Luftambulanse)
* Hazardous Area Competence Certificate Ex1, Ex2, Ex3 & Ex4; FSL Training (Norway)
* Dynamic Position Technical advanced.
* Dynamic position operator level 1
* Seatext – GPS Kongsberg.
* License Kongsberg Operator Course Certificate for KC-700 and SVC-400
* Kongsberg Technical Course Certificate for KC-700 and SVC-400
* Converteam control management systems.
* High Voltage/Low Voltage Training; High Voltage Certificate.
* ABB Switchboard 11KV
* Marine power distribution.
* ABB Medium Voltage Drives.
* ABB Drilling Drives.
* NOV Trainings on Cyber-chair Drilling System and Siemens Simatic S7 PLC
* NOV Hydralift Cranes.
* NOV Drilling Systems. (Drawworks, Top drives, Racking systems)
* Ram rigs.
* Honeywell Scan 3000 Vessel Management Control System Training Course.
* Rig Safety and Management.
* Rigging Certificate.
* T1 Forklift Use.
* VAM Rig Maintenance System Course.
* Rig workshop.
* BOP training for surface units.
* BOP Mux system.
* Fire / Gas / ESD systems

### Equipment & Systems Knowledge

* Power generation on ships, floaters, fixed installations.
* Marine power distribution systems (High voltage)
* Power Management Systems.
* Power Conversion Systems (VFDs, SCRs, Transformers)
* ESD (Emergency Shut-Down Systems)
* Fire and Gas control systems.
* Vessel Management systems.
* Dynamic Positioning systems.
* Drilling drives and machineries.
* Oil & Gas production and storage control systems.
* Drilling instrumentation and control.
* Hazardous area equipment.
* Marine propulsion and anchor winches machineries / control.
* Marine instrumentation.
* Fire fighting equipment and integration.
* UPSs and distribution.
* Electrical motors and controls.
* SIMOPS systems.
* BOP control electrical systems (Mux)
* Marine Cranes.
* Electronic control instrumentation (Valves, Detectors, Recorders, Transmitters, PLC and Automation)
* Integration of different equipment comprehensive of Failure Mode Analysis and Final Acceptance.