



**PERSONAL INFORMATION**

Andrea Risa

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Date of birth 11/05/1978 | Nationality Italian

**PROFILE**

- 12 years' of experience as Electrical engineer.
- Experience in Oil&Gas, Waste to Energy, Nuclear power plant and infrastructure
- Recent experience on LNG project.
- Project Manager in Photovoltaic plants with Construction experience in 3 plants in Italy and 1 in Romania.
- Experience in lightning system, lighting system, earthing calculation, electric system study.
- I have the CSCS Skillcard

**WORK EXPERIENCE****Sep 2018 – Today****TechnipFMC, Lead Electrical Engineer (LNG), Paris**

LNG Mozambique ExxonMobil Project

Preparation of Feeder List, Cable Schedule, Cable Sizing, SLD, MTO, Technical Specification, Technical Question (TQ's), Technical enquiry, Material Requisitions (MR), Technical Bid Evaluation (TBE), substation layout study, follow-up documentation, earthing system calculation, Technical calculation reviewing, liaising with Client.

**Feb 2016 – March 2017****M+W Group, Senior Electrical Engineer (Waste to Energy), Wiltshire**

SITA-Suez Waste for Energy Project (Anaerobic digestion &amp; Gasification Plant)

EPC Project. Coordination on site of Sub contractors for detail design, Preparation of Technical Question (TQ's) and Request for Information (RfI's);, follow up sub-contractor documentation, coordination with other disciplines, CCTV, I/O list, Support of technical proposals, FAT and technical offer, liaise with Client.

**Mar 2014 – Nov 2015****Amec Foster Wheeler UK Electrical Engineering Department (Oil & Gas), Reading**

- **Majnoon Project on behalf of Shell (IRAQ)**  
Preparation of single-line diagrams, lighting system, earthing system. Sizing electrical components, lighting calculations, power layout, distribution board schedule, cable list, drum lists, material take off, bill of quantity, EX Pack, Commissioning Pack, Coordination study.
- **Unconventional Gas FEED Project on behalf of Saudi Aramco**  
Preparation of single-line diagrams, lighting system, earthing system. Sizing electrical components, lighting calculations, power layout, distribution board schedule, cable list, drum lists, material take off, bill of quantity

**Jan 2013 – Feb 2014****Electrical Engineer**

I worked as freelance in different projects:

- Panciu (Romania) photovoltaic plant, on ground, 7MW, client Powerelse
- No. 2 Biogas project in Italy, 1MW, client Powerelse
- Ciampino Airport, Airfield ground lighting (AGL) system design, client ADR Airport of Rome

**Oct 2010 – Dec 2012****Siliken, Project & Construction Manager (Photovoltaic)**

Coordinator in the management of the construction on behalf of Siliken Italy EPC Contractor in the following photovoltaic Plants:

- Rotello (Italy), on ground, power 2.5 MW

- Ascoli Satriano (Italy), on ground, power 5 MW
- Cittaducale (Italy), on rooftop, power 1 MW

The activity has included:

Implementation, coordination and evaluation of design services for the construction of photovoltaic plants.

- Planning and implementation of electrical works on site
- Design Medium Voltage infrastructure;
- Grid connection design;
- Coordination and management companies in the yard;
- Management of site as Construction Manager;
- Support and preparation of both technical and commercial proposals
- Create specifications for the procurement;
- Interface with local institution

## 2006-2010

### Electrical Engineer

I worked in a Technical office in Rome (ITI) on behalf of Enel, Technip, ABB, for different projects:

- Nuclear plant Mochovce - Slovakia on behalf of ENEL
- Azzawiya refinery – Libya on behalf of ABB
- Jubail refinery FEED Project – Saudi Arabia on behalf of Technip
- Lighting System – Italy on behalf of Anas
- Sonatrach refinery – Algeria on behalf of Saipem

The main activities has been:

preparation of single-line diagrams, lighting system, earthing system, Sizing electrical components, design substation layout, lighting calculations, I/O list, cable list, drum lists, bill of quantity, short circuit calculation

## EDUCATION & TRAINING

### 1997 – 2005

#### Master degree in Electrical Engineering.

Graduation Thesis on: “Shielding of the magnetic field produced by electrical power systems for TV production”.

University of Rome “La Sapienza”

## PERSONAL SKILLS

Mother tongue

Italian

Other Language

English

Communication skills

communication skills gained through my experience as electrical engineer

Managerial skills

- Leadership (responsible for a team of 80 people in a photovoltaic plant)
- Experience on site in Italy and UK

## COMPUTER SKILLS

- Microsoft Office™
- Autocad 2D and 3D
- Dialux (lighting calculation)
- Zeus (lightning calculation)
- Microsoft Project tools
- ETAP Power System Analysis training course in Aberdeen

## QUALIFICATIONS

- Italian Chartered engineer (since 2006)
- Site safety course - the course of 120 hours for coordinators pursuant to Legislative Decree 81/08, at the Order of Engineers of Rome
- CSCS Engineering Services Skill card