

Curriculum Vitae

NAME : **Joop Waeijen**

PROFESSION : **Project Manager/Electrical Engineer**

DATE OF BIRTH : **2 augustus 1957**

NATIONALITY : **Nederlandse**

EDUCATION : **MTS E, (Secondary Technical School electrical engineering)**

LANGUAGES : **Nederlands, Engels, Duits, Spaans**

Courses:

Electrical Low Voltage:

Industrial electronics (1 year)
NEN 3140 Authorized Person LV installations
ABB Soft starters course

Electrical High Voltage:

High Voltage (10 KV)
High Voltage Course ABB (Sweden)
High Voltage Installation,
High Voltage Motors,
High Voltage Protections,
150 000 Volt Authorized High Voltage (Placid + BOC + PNEM + DELTA + nuclear power plant)

Programming:

PLC Course (1 year)
Ti Star Texas instruments Course
Process control (1 year)
Modicon Gould 584 M programmable Controller
Turbo Tronic (Solar Gas turbines)

Instrumentation:

Gas Analysers course Servomex/Anacon
Moisture analysers course

- Conditioning monitoring (LV/ HV MOTORS)

Safety Courses:

Offshore basic fire A2
Heli-fire fighting and rescue 2
Breathing Apparatus Basic and Nogepa G2
Inflatable life rafts
Permit to Work Systems
Explosion proof equipment
Basis veiligheid VCA1 + full VCA + full VCA Nuclear power plant.

Computer courses:

Microsoft Windows & Office
BOC Mainframe (plant maintenance/stores)
Auto CAD Release 13 + 14/ Auto CAD LT
TQM total quality management training (Hayes)

EXPERIENCE:

01-2009-03-2012 DAMEN SCHELDE NAVAL SHIPBUILDING

Building four Patrol vessels for the Dutch Navy to fight against the piracy in Somalia. Working as the Installation Authority and the role as system integrator. Responsible building the installation, performing Factory Acceptance Test, coordinate the Commissioning of the electrical installation and perform the Harbor Acceptance Test, and go on Sea trials to perform the Sea Acceptance test and handover systems to the Navy and responsible for save electrical switching and delegate responsibilities to electrical subcontractors.

06-2008-12-2008 KEPPEL VEROLME THE BLACKFORD DOLPHIN PROJECT.

- Building up the claim against the client on the electrical and instrumentation part of the project.

02-2008-06-2008 HEEREMA VLISSINGEN B.V.

- Commissioning manager for the British Gas Tunisia oil/gas Platform and installation responsible person for three months.

10-2007 02-2008 ALLSEAS ENGINEERING B.V.

- Engineering of the electrical part of a extension of a thruster installation on the world largest pipe lay vessel.
- Engineering of the layout of two new machine rooms.

04-2007 10-2007 Blackford Dolphin

- Project management for the refit of the offshore drilling rig Blackford Dolphin. (electrical scope 20 mill Euros')

2006- 04-2007 South Hook Terminal

- Project management of three offshore installations for Milford Wales.
- In Milford Haven in Wales will be an installation build for collecting the LNG what is transported from Qatar.
- This installation is build at Hollandia in Krimpen a/d IJssel.
- De Hoop Terneuzen feasibility research/study for a new WKK.

2005 – 2006 EMC Energy Management Consult.

Project management of four installations in the horticulture.

- DT van Noord Tomaten 1816 kW WKK Sir Jansland.
- H4A Sluiskil feasibility research/study for a new WKK.
- Gebr. Van Den Berg 1418 kW WKK in Naaldwijk.
- JP de Bakker 3 MW WKK in Kwintsheul.
- KIK 623 kW WKK in Bruinisse.

2004 – 2006 Delta N.V./EPZ. Through EMC B.V.

- The electrical and mechanical engineering MOD2GO 2006 project for the EPZ Nuclear Power plant and Project management for the implementation of the MOD2GO project and the upgrade of the Turbine installations.
- Supervising Quality Control for the plant stop 2005 of the EPZ Nuclear Power plant regarding the mechanical overhaul of the control valves and safety valves of the steam turbine installations.
- Responsible for the project management of 4 MW electrical and 7,5 MW thermic power plant for the Horticulture on behalf of Delta N.V.
- Responsible for the design of the new energy supply systems for Emergis and Oosterschelde Ziekenhuis (SOZ) on behalf of Delta N.V.
- Assistance to EPZ Nuclear Power plant regarding the questionnaire with manufactures for the upgrading of the steam turbine installations.
- Participant in the upgrade project team as an electrical and mechanical engineer and assist with the engineering and the implementation and

installation of this turbine/generator in 2006 at the stop in 35 days
upgrade the performance from 485 MW up to 517 MW.

- 2005** **EMC Energy Management Consult. Started my own company.**
- 2002 – 2004** **Koninklijke Schelde Group.**
Electrical Engineer/Commissioning Engineer.
Responsabel for the engineering, construction and commissioning for the following parts of the HOV (Hydrografisch Opnemings Vaartuig):
- NHSS Navigation and Hydro graphic Survey System.
 - SICS Ships Integrated Communications System.
 - Electrical installation including electrical generation, low voltage supply boards, emergency generator, ship propulsion and bow thruster.
 - BBI alarm/control and monitoring system.
 - Responsible for the sea trials of the two ships up to the handover to the Royal Navy.
 - In Charge for the technical meetings with the Royal Navy (customer) reporting and minutes of meetings.
 - Evaluate with the customer if work is additional to the specifications of the contract. In charge of outstanding work list and claims.
 - Responsible for the correct communication with the authority (Det Norske Veritas, Nederlandse Scheepsvaart Inspectie.)
- 1999 – 2002** **Messer Nederland B.V.**
Account manager food applications (participant in management team)
- Responsible for the department of bulk gases for food applications for the whole process of acquisition, installation and after sales.
 - Accountable and responsible for all food customers.
 - Responsible for sales related to budget, budget planning, organize sales meetings, technical meetings with service and maintenance crew, included customer training and safety training.
 - Developing communication (exhibitions, advertisements) policy for food and new food applications such as encapsulate volatile aromas.
 - Developing installations for new applications at customer site.
 - In control of customer care department regarding the finances.
 - Coordinate marketing actions for new applications.
- 1989 – 1999** **BOC Gas B.V.**
1998 -1999 Project Manager. Responsible for on site projects of industrial bulk gas installations, cryogenic food applications and gas separation units.
1989 -1998 Commissioning Engineer
- Installation and commissioning of an on site gas separation unit including Magma turbines.
 - Building and commissioning 300 bar gas/mixtures filling station in Herenthout.
 - Building and commissioning the production facility of Air Separation Plant in Terneuzen.
- 1987 – 1989** **Placid International Oil Ltd.**
Maintenance Manager
Responsible for maintenance and modifications of two main platforms, one gas turbine transport platform and thirteen satellites.
- 1980 – 1987** **Heerema B.V., Leiden**
1985 – 1987 Heerema Havenbedrijf
Project manager
Responsible for the quality of the electrical and instrumental installation on new offshore platforms.
1982 – 1985 Heerema Havenbedrijf
Project Engineer

1981 – 1982 Supervising maintenance activities associated with offshore equipment.
Heerema Middle East
First electrician

1980 – 1981 Supervising electrical maintenance 5.000 ton crane vessel.
Heerema Marine Contractors
Electrician
Electrical maintenance 5.000 ton submersible crane vessel.



EMC B.V.

Energy Management Consult B.V.