

CV: Gert Waldmann.

Electrical Designer

Profil.

I am a thorough and technically competent electric designer with extensive experience in industrial automation, have worked as an electric designer for the engineering industry and my work involves sorting out the interface for various machinery, drawing electrical circuit diagrams, layouts, apparatus lists, connection diagrams, programming, commissioning and making sure that the requirements for personal protection are met.

Having worked with equipment of many suppliers I have considerable experience of handling different machine interfaces.

I have an enterprising, thorough and conscientious disposition.

Current assignment:

-2013.

(Consultancy for Waldmann El-Automation AB)

CCS-Group, E3 Support Department.

Working with supporting Sandvik which has purchased 100 World Wide licences of the CAD programme E3.

Design symbols and models for applications and create components in E3 environments according to Sandvik's wishes.

-2012.

Metso Mining and Construction in Sala, Sweden.

(Consultancy for Waldmann El-Automation AB)

Worked as electrical designer for various filter facilities throughout the world.

My responsibility was electrical designer, personal safety, writing quote specifications, procurement of electrical cabinet constructions, electrical inspection and commissioning at domestic level.

The design tool I used was El-master Enterprise 10.

-2010.

SSAB Oxelösund, Sweden.

(Consultancy for Waldmann El-Automation AB)

Was located at Metallurgy Department as Electrical Designer.

Installation design of both new installations and reconstruction of existing one in coking plant.

They work on a project basis and my assignment was to take responsibility for electrical design and electrical installation and this involved quote specifications for assembly work, preparing documentation specifications (circuit diagrams, layouts, apparatus lists, dimensioning of the installation), commissioning work and was involved in final inspections.

-2008.

ABB Process Automation/Crane systems.

(Consultancy for Waldmann El-Automation AB)

Design of testing equipment for AC/DC-motors. The testing equipment included equipment such as for example static frequency changers, static converters.

Simpler PLC programming was implemented and also how signal management between the test equipment should be executed.



Gert Waldmann

Birth:

-1959.

Marital status:

Married and have two adult children.

Interests:

Skiing, exercise training, shooting and motor sports.

Nationalitet:

Sweden.

Languages:

Swedish (mother tongue)

English.

German.

Training:

-1986.

Student engineer, ABB Generation

-1984.

4-year technical college, specialising in electrical power.

-1975.

ASEA Industrial School, electrical mechanics.

Profession:

Engineer.

Electrical designer.

Electrical qualification up to 1KV.

Cad skills:

E3, Elporcad, Elmaster,

E-Plan.

MS Office:

Excel, Word, Power, Point.

Driver's licence:

A,B,C

-1998.

Installations Designer ABB Robotics.

(Consultancy for Waldmann El-Automation AB)

Installation design of a large number of robot installations.

Worked on ensuring personal safety in these installations.

Also dimensioning of the installation.

Production of signal intersection for peripheral equipment and also created documentation specifications for assembly and end client.

Mainly worked with robot installations for various company:

Volvo PV and LV in Köping.

SKF.

Ericsson Kumla.

Sekurit.

Hydro in Norway.

Sandvik Coromant.

ABB Motors.

Scania.

etc.

Exempel:**Engineering industry.**

Reconstruction of an existing installation for Gestamp, management of bumpers.

I had entire responsibility for the electrical design work, was involved in planning meetings with clients and subcontractors in order to establish that there was the right interface between the parts of the installations and established choice of components.

Design work (circuit diagrams, layouts, apparatus lists, dimensioning and assembly documentation) for among others Siemens S7, 600 I/O and their Profi safe,

Festo servo operations, 4 ABB robots.

Commissioning of signal intersection, both hardware/software, between various machine components, ensured that personal protection requirements were met.

Reconstruction, revision of their circuit diagram after reconstruction of their existing installation.

IT industry.

Development work on robot cells for Ericsson Kumla.

The robot cells were to assemble, test and pack mobile phones.

I had primary responsibility for electrical design development for production line.

Development work of robot control cabinet S4; it was installed vertically so that it allows space under the robot. This involved fulfilling certain standards typically EMC and CE after reconstruction.

Commissioning work, ensured that the interface with the superior control system was in accordance with the client's specifications and that the selection of components was correct, also ensured that safety requirements were met in the production line.

I was team leader for three subconsultants who assisted in the project.

Pharmaceutical industry.

New installation for pharmaceutical company Roche in Germany where we had to take care of rat cages where the rats had been genetically manipulated. We had to ensure that cages were empty and then cleaned in an industrial machine.

I had full responsibility for both electrical design work (circuit diagrams, layouts, apparatus lists, dimensioning and assembly documentation) and installation work which would be carried out by a German company.

Was involved in planning meetings with clients and subsuppliers in order to establish that there was the right interface between the parts of the installation.

Was in Germany as project manager for installation work.

Commissioning of signal intersection for different machine parts including two robots, dishwashers, superior system.

Programmed JOKAB safety relay Pluto.

-2003.

Koteko AB.

(Consultancy for Waldmann El-Automation AB)

Reconstruction work of a rolling mill in Sandviken. This involved replacing old static converters, static frequency changers and control equipment with modern equipment.

Employment:

-1987.

Elektromontage AB.

Reconstruction of a rolling mill str32 in Surahammar's Mill.

Construction work (circuit diagrams, layouts, apparatus lists, dimensioning and assembly documentation).

Replacement of components, Siemens S5, contactors and static converters.

Commissioning work.

Installation specifications for building installation for repair, rebuilding and extension work.

-1986-1987.

ABB Generation, student engineer.

Practical and theoretical work with their production and design departments.

Auditing work at Forsmark/Barsebäck nuclear power plant where we dismantled the generator and overhauled rotor, stator and feeder.

Auditing work at Stornorrforsten hydroelectric power station where we stabilised the stator.

-1978-1984.

ASEA Operations Department.

Worked as operational electrician/maintenance service of ASEA's own machinery, involving 80% troubleshooting at their production facility, 20% as installation electrical engineer both out in the field and at the office.