

ELSE Automation AG

Curriculum Vitae of Olivier Groetz, Project Engineer, born July 05, 1969

Olivier Groetz

Born: July 05, 1969

Degree: Automation Engineer

Experience since 1993

Job title: Project Engineer
Shareholder



Selected member of **xPert^{CAE/CAD}** **xPert^{IT}** & **AdvaPool[®]**

KEY COMPETENCES

- Software Engineering
- Hardware Engineering

SKILLS

- Hardware installation and commissioning including calibration of transmitters
- Practical knowledge of electricity, electronics, instrument and control engineering
- Practical know of validation and test procedures for pharma (IQ, OQ, PQ)
- Experience in batch control
- ISO9001 and validation procedures
- Object Oriented Engineering
- IEC 61131-3
- Hardware and software commissioning
- Excellent trouble-shooter and problem solver/finder

PROCESS KNOW HOW

- Pharmaceuticals
- Chemicals – Oil & Gas
- Storage Plants
- Cement - Mining
- Feed & food
- Purification plants
- Power Plants
- Printing

LANGUAGES

- French, mother tongue
- English, written and spoken well
- German, written and spoken well

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PRODUCT KNOW HOW

Microsoft products such as:

- MSDOS
- MS Windows, advanced experience
- MS-Office, advanced experience
- Visual Basic, basic know how

Other products such as:

- AutoCAD R14,2000i,2005 practical know how
- Adobe Collection, practical know how
- Tools ex. Partion Magic,Drive Copy, Image, Ghost
- Comos PT
- Interbus, practical know how
- Profibus, practical know how
- TCP/IP, practical know how

ABB Industrial IT – 800xA System product such as:

- Operate IT: Process Portal
- Control IT: AC800M and Control Builder Professional

ABB Master/Advant products such as:

- Controllers AC100 series (AC110,AC160)
- Controllers AC400 series (AC450, MP200)
- Operator stations Advant 500 series (OS520)
- Programming language AMPL and corresponding tool AdvaBuild / Control Configuration
- AC31 & CS31 (KT94)

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PROJET EXPERIENCES, since 1993

List not complete

| Project | Place | Technology | Activities |
|------------------------------------|-----------------------|---------------------------------|----------------------------------------------------------------|
| Cerro-Verde - GMD / Filter | Switzerland | AutoCad / ECSCAD | Hardware Engineering |
| Newmont – GMD | Switzerland | AutoCad / ECSCAD | Hardware Engineering |
| St-lves - GMD | Switzerland | AutoCad / ECSCAD | Hardware Engineering |
| ACCC – Amreyah Cement | Egypt | ABB AC800M and Process Portal | Software Engineering, Commissioning and Training on-site |
| BAZ, Basler Zeitung | Switzerland | AutoCad / ECSCAD | Hardware Engineering |
| TOTAL, Storage Plant | France | ABB AC800M and Process Portal | Functional Design Specification and Basic Engineering |
| EPCC, Cement | Saudi-Arabia | ABB AC800M and Process Portal | Software Engineering and Commissioning |
| MJS Milwaukee, Printing | Switzerland | ABB AC31-AC160 | Software Engineering |
| SPH Singapore, Printing | Switzerland / Germany | ABB AC31-AC160-AutoCad / ECSCAD | Software- and Hardware Engineering Testing Rotary Folder (FAT) |
| Mainpost, Printing | Germany | ABB AC31 | Software Engineering and Commissioning |
| VUM Brussel, Printing | Belgium | ABB AC31-KT94-Interbus S | Software Engineering and Commissioning |
| SVM, Süddeutscher Verlag, Printing | Germany | ABB AC31-KT94-Interbus S | Software Engineering and Commissioning |
| Le Monde, Printing | France | ABB AC110 | Commissioning |
| SSSP, Petrochemical | Norway / Saudi-Arabia | ABB AC450-AC55 | Software Engineering, FAT-test and Display Design |
| Roche, Vitamin | France | ABB MP200-AC450 | Software Engineering, Commissioning and Validation |
| Ciba-Geigy, Huningue | France | Diverse | Validation, ISO 9001 and Instrumentation |