

Profile of Ability

References

Impressum

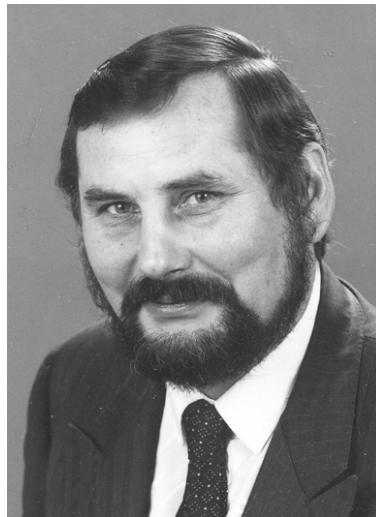
Lothar H.W. Winter

Master of Science

Electro-Technique

Age-Group

1947



Advising

Consulting

Supervision

Acceptance

Handing-Over

On Site Engineering

**Fields: Buildings and Housing-Compounds, Industrial and Power plants,
Telecommunication installations, etc..**

Abilities & Knowledge:

- **Elaboration of Offers**
- **Elaboration of Tenders**
- **Management of Projects**
- **Planning of Budgets**
- **Follow up the Budgets**
- **Planning of Projects**
- **Checking of Drawings**

Special Abilities & Capacities:

- **Leading of projects**
- **Clever negotiation skills**
- **Good skill of organisation**
- **Marked quality of leading**
- **Big care with resources and money**
- **High sense of responsibility**

Computer-Languages:

- **Assembler**
- **PowerBASIC**
- **HTML**
- **C/C++, Pascal, Delphi, VB, etc. (Common knowledge)**

PC-Knowledge:

- **Broad knowledge and experience in standard-software.**

Languages:

- **German (Mother language)**
- **English (Good command)**
- **Greek (General knowledge in speaking)**

Note

Only references of large international projects are mentioned here, where I was acting in leading positions. Consultants were well-known international acting engineering offices and companies. Only main-points are highlighted.

1981 - 1982

Project: Power & Desalination Plant
Client: Saline Water Conversion Corporation (SWCC) / Al-Jubail / Saudi Arabia
Contractors: Mainly leading companies from Korea
Consultants: Mainly leading companies from Europe and North America

Project-Parts and Activities:

1 CO₂- and Lime-Plant

- Acceptance and tests of the electric installation. Overall supervision of the first-time operation.

2 Incinerator- and Sewage-Treatment-Plant

- Checking of the entire drawings, overall supervision of the entire construction, overall supervision of the first-time operation and handing-over the plants to the client.

3 Housing-Compound for ca. 16.000 residents with Schools, Kindergartens, Shopping- Centres, Police-Station, Post-Station, Telecommunication-Building, Parks, Cafes, etc.

- Acceptance and tests of the main-transformer-station (60/20 kV) and overall supervision of the first-time operation.
- Acceptance and tests of the main-switchgear-station (20 kV) and supervision of the first-time operation.
- Acceptance and tests of the transformer-stations (20 kV / 220 V)
- Checking and revision of shop-drawings for the street- and park-illuminations
- Checking and revision of shop-drawings for the villas, kindergartens, post- and police-station
- Acceptance and overall supervision of the directional radio station for the telephone network

1982 - 1985

Project: Al Khumra Broadcast-Station (Operation and Maintenance)
Client: Ministry of Information (MOI) / Saudi Arabia
Contractor: Leading international telecommunication consulting company from Germany

Duties:

Deputy Chief-Engineer in frame of an operation and a maintenance contract of the Al Khumra Medium Wave Broadcast-Station with 2 x 500 kW and 2 x 1000 kW transmitting power.

Chief-Engineer of a Diesel-Engine Power-Station with 5 x 2,85 MW and 1 x 1,06 MW electric power, including all facilities of the transmitting-station.

1986 - 1988

Project: Seven Village Project
Client: Ministry of Internal (MOI) / Saudi Arabia
Contractor: A leading company from Korea
Consultants: A leading electric trust and consulting office from Germany

The “Seven Village Project” was a nine housing project with technical buildings, which were self-supporting and build on a large scale. The project value of the electrical part was ca. 100 million Euro and surround 234 villas and dwelling houses, and 18 public / technical buildings, including all infrastructures and facilities for supply and removal.

- 1 Checking and revising of all electrical shop-drawings
 - Home- and building installation
 - Power supply (20 kV/220V)
 - Emergency power supply plants
 - Communication systems and installations, including CATV-layout
 - Indicator and record systems and layout
 - Fire protection and fire alarm system
 - Grounding and lightning protection
 - Electromagnetic shielding of technical buildings, parts of building, and rooms
- 2 Advising the MOI by the selection of the electrical components
- 3 Taking over the pilot construction housing project
 - Coordination of the electrical works
 - Acceptance of the installation
 - Supervision of performance tests and measurements
 - Survey of material and components.
 - Release of part-payments
 - Leading of the compartment meetings

1988

Project: NaOH Concentrate- und Prill- Plant
Client: Qilu Petrol-Chemical Ind. Corp. / Zibo / China
Contractors: Leading companies from China
Consultants: Mainly leading companies from Japan with subcontractors from Europe and North America

The following activities were done during the final construction and first-time operation:

- Advising and overall supervision of the electric installation, inclusive Cable-Tracks
- Advising and overall supervision of the MSR (Measuring, Control, Govern)-installation and instrumentation
- Testing of the electric- and MSR (Measuring, Control, Govern)-installation
- Setting and adjusting of controller and instruments during the preliminary and first-time operation phase
- Trouble shooting

1990 – 1994

Project: Microwave and COAX-Cable Network (Operation and Maintenance)
Client: Ministry of Telecommunication (MOPTT) / Saudi Arabia
Contractor: Leading international telecommunication consulting company from Germany

Self-responsible of special projects. The estimated value of the projects was ca. 37 million Saudi Riyal.

- Overhauling of diesel-generator-sets
- Changing of station-batteries
- Connecting stations to the public power supply
- Installation of new switchboards and rebuilding of Micro-Wave-Stations
- Elaboration of offer
- Elaboration of tender
- Overall supervision
- Negotiation with customers
- Acceptances



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