

CURRICULUM VITAE

Personal data

Year of Birth: 1955
Nationality: Czech
Profession: Electrical Engineer

Languages: English

Education

FROM – TO
1975 – 1980 Faculty of Electrical Engineering
Czech Technical University
Prague, Czech Republic

Professional Experience

Since 1992	F&R s.r.o., Prague, Czech Republic I&C Senior Engineer for Engineering and Commissioning
2009	Project Power Plant Neurath unit B+C, Germany (2x 350 MW) <ul style="list-style-type: none">• DCS refurbishment:• Boiler steam temperature closed loop control (enthalpy concept) Design System: ABB Procontrol P14 (KISS engineering tool)
2009	Project Power Plant Meirama, Spain (1x 560 MW) <ul style="list-style-type: none">• Turbine Control (TURBOTROL 6) Commissioning• HP and LP by-pass commissioning• BFPT commissioning System: ABB Melody-Symphony
2008	Project Hellenic Petroleum Aspropyrgos, Athen, Greece (1x 20 MW) <ul style="list-style-type: none">• Turbine control (TURBOTROL6) and protection commissioning• Turbine control re-design for factory island operation including extraction steam control• Final load and switching tests (including island operation) System: ABB Procontrol P14
2008	Project Power Plant Bergkamen, Germany (1x 750 MW) <ul style="list-style-type: none">• general DCS refurbishment• REA closed loop control design• Complete Boiler feed water closed loop control design (FWT P ctrl, electrical FWP closed loops, Circulation closed loops, boiler T behind evaporator ctrl, HMI mimics and complete design description including block diagrams)• Unit control (partly) System: ABB Procontrol P14

- 2007 - 2008 Project TWL Incineration Plant, Ludwigshafen, Germany
RRA3 refurbishment
System: ABB Procontrol P14
- 2007 Project Hellenic Petroleum Aspropyrgos, Athen, Greece (1x 20 MW)
• Turbine control (TURBOTROL6) and protection refurbishment
 Design + FAT
System: ABB Procontrol P14
- 2005 - 2007 Project Power Plant Tutuka, South Africa (6 x 609 MW, units 4 – 6)
• I&C refurbishment (site design)
• Complete unit closed loops design supervisor
• Boiler detail closed loops design (once-through boiler, black
 coal, tube mills, BFPT, etc)
• Commissioning and optimization (switching and ramp tests,
 frequency control, etc)
System: ABB Procontrol P14
- 1999 - 2005 Project Power Plant Tusimice, Czech Republic (4 x 200 MW)
• Site engineering
• Commissioning (turbine control (TURBOTROL 6, unit control
 MODAN, boiler closed loops control, etc)
• Units island and frequency control design at site incl.
 commissioning
• Implementation of EDS-P3 system on boiler, turbine protection
 and turbine control systems
• Replacement of P13 PR03 processor by PR05 on boiler
 protection
• Periodical main unit closed loop tuning and optimization to reach
 combustion emission limits
• Preparation and performance of primary and secondary
 frequency control certification including unit island operation
System: ABB Procontrol P13 and P14
- 2002 Project Power Plant Cadafe, Venezuela (3 x 360 MW)
• Commissioning turbine control (TURBOTROL 5)
System: ABB Procontrol P13
- 2002 Project Power Plant Turceni, Romania (7 x 300 MW)
• Commissioning turbine control (TURBOTROL 5)
System: ABB Procontrol P13 and P14
- 1999 - 2001 Project Al Shoaiba Phase II, Saudi Arabia (5 x 130 MW)
Desalination
• Engineering
• Commissioning (design modification changes and update)
System: ABB Procontrol P13 and P14
- 1994 - 1998 Project Power Plant Tusimice, Czech Republic (4 x 200 MW)
• DCS refurbishment:
• Site design and engineering

	<ul style="list-style-type: none"> • Commissioning (cold and hot test, unit performance tuning and optimization, unit switch-off test, final unit performance test, as-built documentation, warranty period assistance) <p>System: ABB Procontrol P13 and P14</p>
1992 - 1994	<p>Project Power Plant Ledvice, Czech Republic (2x 110 MW)</p> <ul style="list-style-type: none"> • DCS refurbishment: • I&C engineering • Consulting <p>System: Westinghouse WDPF II</p>
1984 – 1992	<p>Skoda Praha a.s., Prague, Czech Republic I&C Design and commissioning Engineer</p>
1987 – 1992	<p>Project Power Plant Soma, Turkey (2 x 165 MW)</p> <ul style="list-style-type: none"> • Engineering (basic design) • I&C installation and commissioning supervision (cold and hot tests, unit performance tuning and optimization, final unit performance test, as-built documentation)
1985 – 1987	<p>Project Power Plant Vojany, Slovakia (5 x 110 MW)</p> <ul style="list-style-type: none"> • Engineering (basic design) • I&C commissioning (cold and hot tests)
1984 – 1985	<p>Project Nuclear Power Plant Dukovany, Czech Republic (4 x 220 MW)</p> <ul style="list-style-type: none"> • I&C commissioning (cold and hot tests)
1987 – 1997	<p>Prague Civil Rehabilitation, Czech Republic I&C Senior Service Engineer</p> <ul style="list-style-type: none"> • I&C rehabilitation city central heating exchange stations
1980 – 1982	<p>Czech Airlines, Prague, Czech Republic Aircraft Electronic Control System Engineer</p> <ul style="list-style-type: none"> • Technical support for system trouble-shooting and regular maintenance of autopilot system and inertial navigation for the aircraft IL-62

COURSES, TRAININGS, CERTIFICATES:

SYSTEM EXPERIENCE

Operating systems: MS Office

Control systems: ABB Procontrol P13
ABB Procontrol P14

ABB turbine control (TURBOTROL 6)
ABB turbine control (TURBOTROL 5)

ABB Unit control (Modan)

Westinghouse WDPF II

PERSONAL DEVELOPMENT COURSES

2009 Safety, Health, Environmental Protection (SHE) Certificate from TUV Nord Cert GmbH. It is known as SCC (**S**afety **C**ertificat for **C**ontractors). Valid 10 years starting 2009.

2002 ABB Swiss, Baden
ABB Procontrol P13
EDS P3
Basic Training

2001 ABB Swiss, Baden
ABB Procontrol P14
EDS 20
Troubleshooting