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e_mail: giancarlo.porchia@gmail.com

Giancarlo Porchia

POSITION:

Leed Project Engineer /
Control & Safety system specialist

FAMILY NAME: PORCHIA

FIRST NAMES: GIANCARLO

DATE OF BIRTH: 03/01/1979

NATIONALITY: Italian

STATUS: Married

EDUCATION: **University of Rome “UTINETTUNO”**, Faculty of Engineering & Management, inscribed in the second year
HND Electronic & Telecommunication, Institute “Tecnico Industriale Giovanni XXIII” Rome, Italy (1997)
Automation Master Course post degree, Institute “Tecnico Industriale Giovanni XXIII” Rome, Italy (1997), taken by AIS (Instrument Italian Association), ISA (International Society for measurement and Control)
PLC5 Ladder logic training, Rockwell Automation Rome, Italy (2001)
Project Management Master Course, “Leader:Formazione” c/o Inprotec SpA Milan (02/2005)

TECHNICAL HIGHLIGHTS AND ACCOMPLISHMENTS Project & cost control, team coordination, problem solving, scheduling, safety & control system design, commissioning & startup, project documentation (FDS, DDS, P&ID, etc..), client management

PC Skills: Proficient in Microsoft Office, Outlook, Visio, MS Project, AutoCad

LANGUAGE SKILLS:

| Language | Reading | Speaking | Writing |
|-----------|---------------|----------|---------|
| ITALIAN | MOTHER TONGUE | | |
| ENGLISH | FLUENT | FLUENT | FLUENT |
| FRENCH | BASIC | BASIC | BASIC |
| HUNGARIAN | BASIC | BASIC | - |

SUMMARY:

- Client management
- Team Leader.
- Project Management and coordination
- Instrument & System Engineer
- Hardware design
- Software design
- P&ID, C&E, data sheet, project documentation
- FAT/SAT/startup
- Plant **Fault tree** and **SIL** calculation

PROFESSIONAL EXPERIENCE:

Note1: For most of the projects listed below, I followed the whole project life cycle (bid, KOM, design, test, shipping, site testing & startup)

Note2: Currently Employed by Linde Gas (Germany), previously by Inprotec spa (since June 2011) and Program srl (since 1999).

Linde Gas Germany

From September the 1st, 2011
Linde Gas in Munich (Germany)

Role: Lead Process Control Engineer RCNA

Project management for Safety and control system automation project.

Bid phase, KOM, design, engineering phase, FAT, shipping, SAT, Commissioning&StartUp

Client management, responsible for project cost and balance.
Automation team leader.

Client: **Isab srl**

EPC: **Foster Wheeler**

In progress

Plant:

Revamping Diesel Hydrotreater Unit

Lead Project Engineer

Italy – Priolo Gargallo (SR)

Project management for Safety and control system automation project.

Bid phase, KOM, design, engineering phase, FAT, shipping, SAT, Commissioning&StartUp

Client management, responsible for project cost and balance.
Automation team leader.

Client: **Sonatrach Agip**

May. 2008 to Jun. 2009

Plant:

New Desalter unit

Control Room Supervisor

BRN – Algeria

Responsible for the DCS, ESD & F&G systems SAT, pre-commissioning and startup. Loop check, functional check

Client: **Borouge**

EPC: **Tecnimont SpA**

Jan. 2008 to Feb. 2009

Plant:

Polypropylene plant (PP)

Control Room Supervisor

UAE – Ruways

Responsible for the DCS, ESD systems SAT, pre-commissioning and startup. Loop check, functional check

Client: **SARAS SpA**

Feb. 2008 to Nov. 2008

Plant:

Hydrogen, Alky

Lead Project Engineer

Italy – Sarroch (CA)

Project management for Safety System automation project.

Bid phase, KOM, design, engineering phase, FAT, shipping, SAT, Commissioning&StartUp

Client management, responsible for project cost and balance.
Automation team leader

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Client: **Erg Raffinerie mediterranee**
EPC: **Ansaldo Caldaie SpA**
Oct. 2007 to Jan. 2008
Plant:
CTE SA1N/3

Leed Project Engineer

Italy – Priolo Gargallo (SR)
Project management for Safety System automation project.
Bid phase, KOM, design, engineering phase, FAT, shipping, SAT,
Commissioning&StartUp
Client management, responsible for project cost and balance.
Automation team leader

Leed Project Engineer

Client: **Tasnee, Saudi Arabia**
EPC: **Macchi Caldaie SpA**
Jan. 2008
Equipment:
Burner Management System (BMS)

Qatar
Critical process loops SIL classification and verification.
Plant **Fault tree** and **SIL** calculation
IEC61508/61511 criteria application and validation
Project highlights: BMS unit

Client **Petrobras**
EPC: **Linde Engineering SpA**
Oct. 2007 to Jan. 2008
Plant:
BMS

Leed Project Engineer

Cabiunas-Brasil
Project management for BMS automation project.
Bid phase, KOM, design, engineering phase, FAT, shipping, SAT,
Commissioning&StartUp
Client management, responsible for project cost and balance.
Automation team leader

Client **Saudi Arabia Polimery**
EPC: **Tecnimont SpA**
Mar. 2007 to Sep. 2007
Plant:
LLDPE/HDPE/PE/PP

FAT manager

Singapore
FAT manager for Tecnimont spa. Petrorabigh project Saudi
Arabia. Polimery plant
Project highlights: LLDPE/HDPE/PE/PP Unit.
DCS/F&G based on **Yokogawa** system
ESD based on **Triconex TMR**

Inprotec SpA
Sep. 2004 to Dec. 2006

Chief of Technical & Design Office

Italy - Milan
Responsible for the automation and design system
engineering. Technical office leader. Operation manager.

Client: **Erg Raffinerie mediterranee**
EPC: **Snamprogetti, Technip KTI**

Leed Project Engineer

Client: **Basell Orlen Polyolefins (BOP)**
EPC: **Tecnimont spa**
Apr. 2004 to Oct. 2004
Plant:
HDPE, PP

Lead Project Engineer

Poland - Plock
Project management for Safety and control system automation project.
Bid phase, KOM, design, engineering phase, FAT, shipping, SAT, Commissioning&StartUp
Client management, responsible for project cost and balance.
Automation team leader

Client: **Sonatrach Agip**
EPC: **Saipem**
Dec. 2003 to Mar. 2004
Plant:
About 250 Crude Oil well

Team Leader / DCS system engineer

Algeria – ROD oilfield
Project Engineer for Safety and control system automation project.
Engineering phase, FAT, shipping
Client management, Automation team leader

Client: **Aeronautica Militare Italiana**
Sep. 2003 to Nov. 2003
Plant:
Oil Pipeline

Lead Project Engineer

Italy – Porto Santo Stefano
Project Engineer for Safety and control system automation project.
Engineering phase, FAT, shipping
Client management, Automation team leader

Client: **Qatar Petroleum**
EPC: **Snamprogetti**
July 2002 to August 2003
Plant:
Crude Oil well

Instrument Engineer/Scada system specialist

Qatar – Dukhan field
Site instrument engineer and responsible for Scada system.
LiftGas Project

Client: **Polimery Europa**
EPC: **Technip Italy**
June 2002

Consulting automation system

Italy – Rome
Technical tabulation for bidder evaluating on be half of Technip Italy.
Automation system: DCS and ESD for Polimeri Europa (Priolo Gargallo – (SR) Italy)

Client: **Motor Oil Hellas**
EPC: **Technip Italy**
Jan. 2002 to May 2002

Lead Project Engineer

Greece – Corinth
Project phase 3
DCS system development, responsible for hardware and software configuration.
Integration of distributed control system based on Honeywell DCS
Integration of Safety system based on Honeywell ESD

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Client: **Qatar Petroleum**
EPC: **Snamprogetti**
Feb. 2001 to Dec. 2001

Lead Project Engineer

Italy – Milan
LiftGas Project for Qatar Petroleum Company (Qatar, Dukhan Field)
Project highlights: 72 Allen-Bradley Plc's in a geographically distributed network around Dukhan oil field.
Honeywell Planscape Scada system.
Telecommunication network based on Cisco System

Client: **Motor Oil Hellas**
EPC: **Technip Italy**
Apr. 2000 to Jan 2001

Project Engineer

Greece – Corinth
Project phase 1&2
DCS system development, software configuration.
Integration of distributed control system based on Honeywell DCS.
Integration of Safety system based on Honeywell ESD

Client: **Alcantara SpA**
March 2000

Project Engineer

Italy – Terni
DCS system development, software configuration.
Integration of distributed control system based on Honeywell DCS.
Process control logic design, develop and configuration

Client: **Qatar Petrochemical C. (QAPCO)**
EPC: **Technip Italy**
Nov 1999 to Feb 2000

Project Engineer

Qatar – Mesaieed Industrial City (MIC)
DCS system development, software configuration.
Integration of distributed control system based on Honeywell DCS.
Serial interface development and configuration, interfacing with NP compressor and others.

Client: **Enichem SpA**
Sep 1999 to Nov 1999

Project Engineer

Italy – Porto Torres (SS)
DCS system development, software configuration.
Integration of distributed control system based on Siemens PCS 7.

For any contact:

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Privacy (Italian Regulation):
Authorize treatment of my personal data under the Act 196/03