

MUHAMMAD WAQAS UDDIN BABAR

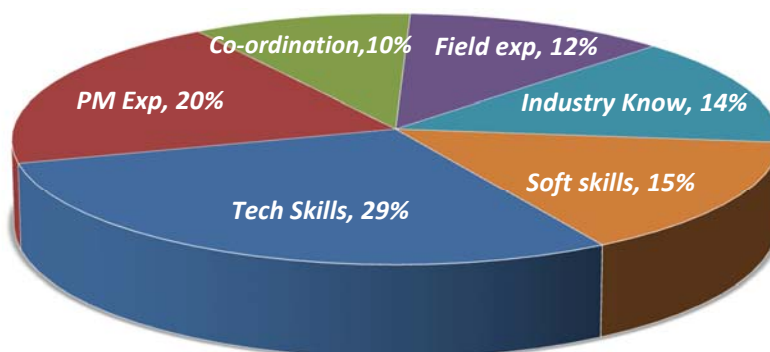
E&I ENGINEER

HOME CITY KARACHI, PAKISTAN, +966552433619 / +923032203959 BACHELOR OF ENGINEERING IN ELECTRONICS

m.wagasudden@gmail.com

I am passionate and energetic engineer with commitment and focused to achieve excellence in professional career. My experience spans over 11 years in 4 countries (Pakistan, KSA, Hong Kong and Ghana) of Design, Operations, Projects, Construction and Monitoring. I am well versed in the field of [Process Instrumentation and Controls, Automation and Electrical](#).#

Competency Chart



TECHNICAL SKILLS

- ❖ I worked as Design Engineer for Design, Validation, Verifications and Vetting FEED, BED and DED, Vendor Packages, Third party documents in Oil & Gas and Power Generation.
- ❖ I am familiar with operation and engineering concepts of Upstream Gas wellheads, Pipelines, Gas gathering stations, Gas Compression, Dehydration and Purification and metering stations.
- ❖ I have knowledge of Crude Oil refining, storage facilities and pipelines.
- ❖ I have strong knowledge of Thermal Power station, Electrical HV/MV/LV Substation and Distribution systems and components.
- ❖ I have competent knowledge of Utilities fire fighting system, Instrument air packages, Chiller, Air-Coolers, RO-plants, Ammonia refrigeration, Steam generation and waste water treatment technologies.
- ❖ I get experienced in Chemical Plants, FMCG and Textile units.
- ❖ I am experienced in PLC programming, HMI configuration, Field Devices configuration and diagnostics, SCADA and DCS working and troubleshooting.
- ❖ I have good concepts of Hazardous area installations techniques, F&G detections systems, Smoke and Toxic detection systems.
- ❖ I worked with the following Major corporations:



PROJECT MANAGEMENT EXPERIENCE

I managed Design engineering project with FEED / BED and DED deliverables and IFC packages

- Study of ESD and Gas Venting System at Kandkhot facility of Pakistan petroleum limited.
- Design of West valve gas gathering station for ENI at Kadanwari field.

I managed automation projects at Nestle Kabirwala

- Installation, testing and commission of Wolf Vertical packaging machine VPD 250/400.
- Installation, testing, pre-commissioning and commissioning of 35 Ton capacity fire tube boiler control and automation system.

I performed construction monitoring and reporting for Thermal Power Plant

- Engineering review, Construction monitoring, Progress reporting and Site supervision for installation, testing and commission of 126 MW Thermal Power plant having GE frame 9E 9171E Gas turbine, 160 MVA power Transformer, 161kV Outdoor Step up Transmission substation, 20 MVA Distribution Substation, LCO floating roof storage tanks, 900m³ demineralized water tank.

CO-ORDINATION EXPERIENCE

- In Project "Installation of Vapour recovery units at Bulk storage plants" with Saudi Aramco , I am contributing and co-ordinating with project team / procurement team for resolving construction issues, design deficiencies, reviewing and preparing MR, TBE and corresponding with Vendors to streamline the project LLI's.
- In Project "Installation of Gas filtering and metering station" with CENIT limited, my role was to extract site information, review initial design data and site conditions, provide procurement assistance as per customer requirements and to prepare technical specifications for Process instrumentation and controls required for successful operation.

FIELD EXPERIENCE

- I worked in Nestle as Automation Engineer where I test, calibrate, configured and diagnostic Field devices mainly Process instruments such as Transmitters, Flow meters, valves, drives, motors and machines as part of my job.
- I have field experience of (more than 100 wellheads) Upstream gas facilities and plants as well as Bulk oil storage and decanting and aviation facilities in Pakistan, Hong Kong and Ghana.

INDUSTRY KNOWLEDGE

- I have good knowledge and understating of ISA, ANSI, IEC, NFPA, ISO, API, IEEE and NEC standards and practices with specific knowledge of FIDIC, ASME, OSHAS publications.
- I have working knowledge of Saudi Aramco, SABIC, Shell, Total, Chevron, BP, SEC and Exxon Mobil standards and specifications.
- I have Working knowledge of Nestle Engineering standards, Hygiene and quality, TPM and Lean manufacturing.
- I had Working knowledge of DuPont Standards and practices for Safety instrumented system in Combustible powder application.

SOFT SKILLS

- Microsoft Office / Project and Visio.
- RSlogix / Concept / Drive ware / Intouch / Factory talk
- ETAP / Dialux / Simaris
- Fisher Specification manager / Valspec

EMPLOYERS INFORMATION

1. Electrical / Instrument Design Engineer (OLAYAN DESCON ENGINEERING FROM AUG 2014 TILL TODAY)
2. Automation Engineer (NESTLÉ FROM JUL 2013 TO AUG 2014)
3. Owner's Engineer (CENIT ENERGY FROM DEC 2011 TO DEC 2012)
4. Lead Instrumentation Engineer (PETROCHEM ENGINEERING SERVICES FROM JAN 2008 TO DEC 2011 & JAN 2013 TO JUN 13)

TRAININGS

Electrical Safety (Schneider), Predictive and Preventive Maintenance (Caterpillar) Work on Height (Nestle), Go Green, Brand your-self

REFERENCE

Muhammad Shoaib Ishaq (BD International sales MENA) +966505867152

Osaid Siddiqui (Instrument Engineer at CPP): +966542706330