



An enthusiastic, zealous and hardworking individual, looking for an opportunity to be a part of a progressive and renowned organization, where I could use my technical knowledge, abilities and experience to identify cost effective solutions to the operational problems and devise and implement the most optimum schemes and plans to enhance reliability and profitability of the plant.

Personal Details

➤ NAME

SYED MUHAMMAD ABBAS
ABIDI

➤ FATHERS NAME

SYED KAUSAR ABBAS ABIDI

➤ CONTACT NUMBER

+92-346-3525836

➤ MAILING ADDRESS

HOUSE C-102, ARCHITECTS
AND ENGINEERS
COOPERATIVE HOUSING
SOCIETY, GULISTAN-E-
JAUHAR BLOCK 8,
KARACHI, PAKISTAN

➤ E-MAIL ID

SM_ABBAS@MSN.COM

➤ PEC REGISTRATION

CHEM/15878

EDUCATION

Bachelor of Engineering (Chemical)

NED University of Engineering & Technology
First Division
2010-2014

Intermediate (Pre Engineering)

D J Sindh Government Science College
First Division
2007-2009

Matriculation (Computer Science)

Modern Public Secondary School
First Division
2005-2007

WORK EXPERIENCE

National Refinery Limited Karachi

October 2019 – Till Date

Unit Engineer
Utilities

General Responsibility Description **Operations**

- **Unit Engineer** of Utilities Operation, consisting of Two High Pressure Boilers with Burner Management Systems, Three Cooling Towers, Instrument Air System, Raw Water & Fire Water System, Steam Network of High, Medium and Low Pressure Steam, Sea Water and Brackish Water RO Plants, CEDI based Demineralization Plant and Fuel Oil & Fuel Gas System.

Additional Skills

➤ COMPUTER SOFTWARE KNOWLEDGE

- ASPEN HYSYS
- KORF HYDRAULICS
- MS PROJECT
- MS WORD
- MS EXCEL
- MS VISIO
- MS POWERPOINT

➤ LANGUAGE ABILITIES

- UDRU (Good User)
- ENGLISH (IELTS 8.0)

- Monitoring and controlling parameters to achieve production and products' targets.
- Proactive approach in equipment handling and maintenance.
- Managing and maintaining training programs of operations staff.
- Manpower (unionized and non-unionized) management of four rotating shifts.
- Analyzing and Resolving day today operation issues.
- Preparation, revision and updating of Standard Operation Procedures.
- Member of Energy Conservation Team.
- Preparation of monthly reports, such as, KPIs, Material Energy Balances, Equipment Efficiency reports etc.
- Plan and prepare for critical jobs on unit.
- Permit Issuing authority Hot Work, Cold Work, Confined Space, Crane Operation, Excavation etc.
- Preparation of Annual Inspections and Shutdown Jobs.
- Maintaining equipment breakdown record.
- Follow up with Maintenance for critical jobs.
- Preparation of emergency procedures.
- Managing and arranging Safety and Firefighting training program of shift staff.
- Member of Integrated Management System Steering Committee.

October 2015 – October 2019

Shift Engineer Utilities Operations

- In charge of operations of two high pressure boilers, three cooling towers, Instrument Air system, Fuel oil system, fire water and raw water system and 4 Reverse Osmosis Plant in shift.
- Management of Manpower in four rotating shift with both Unionized and Non-Unionized staff.
- Analyzing the Lab results and, result based plant management.
- Coordinating and planning maintenance jobs.
- Making shutdown job execution plans.
- Coordination with the production units for utilities supply plans and interruption plans.
- Training of shift staff.

October 2014 – October 2015

Trainee Senior Management Operations

- Received one year hands on training in Operations Department.
- Trained in the areas of Utilities and Production.
- Received field training as Operator, Boardman and Shift Incharge.

➤ **HOBBIES AND INTERESTS**

- TRAVELLING
- READING
- SWIMMING
- PLAYING CRICKET
- EVENT PLANNING AND MANAGEMENT

➤ **REFERENCES**

AVAILABLE ON REQUEST

Special Assignments and Projects:

Installation and Commissioning of 800,000 IGPD RO & CEDI based Water Demineralization Plant (JAN 2016-FEB 2017)

Worked as a Project Lead and Process Engineer in the project. Project was installed by M/s. ENTA Water Treatment Systems, Turkey. Main responsibilities in this project were:

- Project Planning and Scheduling.
- Requirement gathering
- RFQ Preparation
- Technical Evaluations
- Contractors Evaluation and Selection
- Complete Project Execution
- Project Reporting

Data Compilation and DCS Implementation at Utilities (May 2017 – Oct 2019)

Working as a Facilitation Engineer in this project. This project aims to replace the single PID control system of Fuel Refinery to YOKOGAWA Distributed Control System. The main responsibilities in this project are as follows.

- Collection of data
- Preparation of equipment data sheets
- Preparation of As Built P&IDs
- Preparation of I/O List
- Preparation of HMIs
- Commissioning