**Noman Ahmad**

Permanent ADD: 333 F Block, Sabzazar Scheme, Multan Road,Lahore, Pakistan

Site: 450 MW Rousch Power Limited Abdul Hakim (Pakistan)

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Date: 16-03-1987, NIC No: 33104-0270164-7

PEC: Registered Marital Status: Married

### Career Objective:

### To seek a challenging position in power sector where I can learn and utilize my skills to add value regarding plant performance and commercial and contractual aspects of Private Power sector.

### Academic Qualification:

* MS Chemical Engineering, COMSATS, Lahore, Pakistan (Session 2012-2014)
* B.Sc Chemical Engineering, University of Engineering & Technology, Lahore, Pakistan(Session 2005-2009)
* Higher secondary school certificate Govt. College of Science, Lahore, Pakistan (2003-2005)
* Secondary School Certificate Govt. High School 644 G.B Faisalabad, Pakistan (2003)

**Work Experience:**

Rousch Power Plant Pakistan 450 MW (Abdul Hakeem) July 2017– Present

Currently working as Assistant Manager Operations in Rousch Power Plant with key responsibility of plant performance and HSE matters.

### Responsibilities:

* Review monthly operations & performance reports. Support to O&M team in preparing plant performance and HSE reports for the CEO.
* Routine Safety & Environmental audits.
* Compliance of plant agreements GSA and PPA
* Monthly Export Energy metering with Off-Taker & Gas consumption measurement.
* Liquidated damages & Failure to achieve Dispatch Level (FADL) Calculations on daily and monthly basis.
* Monthly verification gas invoice from SNGPL
* Day to day communication with NPCC and Gas Supplier on operational and contractual matters.
* WAPDA Faxes, Shift logs, Reported events monitoring, Maintenance controller (PM/CM)
* Supporting O&M team in Budget preparation.

Rousch Power Plant Pakistan 450 MW (Abdul Hakeem) Feb 2015– June 2017

Worked as Plant Engineer in Rousch Power Plant with key responsibility of plant performance and HSE matters.

Responsibilities:

* Analyzing and monitoring plant KPI’s on Daily basis and assisting operations team.
* Analyze gas turbine compressor efficiency and making decisions for compressor online or off-line washing
* Support O&M team in preparing plant performance and HSE reports for the CEO.
* Liquidated Damages&Failure to achieve Dispatch Level (FADL) Calculations on daily and monthly basis.
* LFO sampling and stock & Consumption Record
* Dealing of Commercial agreements GSA and PPA
* Monthly Export Energy metering with Off-Taker to the grid& Gas consumption measurement.
* Day to day communication with NPCC and Gas Supplier on operational and contractual matters.
* WAPDA Faxes, Shift logs, Reported events monitoring, Maintenance controller (PM/CM)
* Supporting O&M team in Budget preparation.
* Planed/Unplanned outages history / record.
* Routine Safety and Environmental audits.

**Field Engineer (30 MW Altern Energy Limited)**  **Jan 2014-Feb 2015**

Worked as Field Engineer and was part of the DPS, O&M team to assist in day to day maintenance and inspections of the gas engines. The plant having eight DUETZ 2032, V16 engines with rated power output 3.904MW each with total capacity of 30 MW. The engines operates on Natural gas supplied by SNGPL.Power is supplied to WAPDA under 30 year PPA. AEL is a gas engines power plant close to Islamabad with 66KV transmission system connection with the national grid. During my stay at AEL I was part of support team assisting O&M team in maintaining engines KPIs and safe and reliable operations. I was also fully involved in engines overhauling and day to day maintenance support. I was also given task of monitoring plant demin water plant and Health, safety and environmental matters.

**Lalpir-PakGen Thermal Power Plant Pakistan727MW** (Muzaffargarh) **Sep 2013-Oct 2013**

Worked as a Project Engineer in Project Feasibility study of Coal Conversion of the Lalpir Thermal Power Plant. Lalpir-PakGen Thermal Power (727MW). Lalpir Thermal Power which is currently owned by Nishat Power limited. Two units of Lalpir Power and Pakgen Thermal Power Plant with 362 and 365MW Supply Energy to WAPDA.

**Feasibility Report Covers,**

* Different types of coal and its sourcing, combustion properties and issues.
* Coal transportation and unloading / handling (vessels types and Jetty requirements).
* The extent and scope of major changes in the existing key plant equipment.
* Environmental impact assessment (Emission & Coal storage and Ash handling).
* Plant efficiency and heat rate etc.
* Contractual frame work and funding requirement.

Rousch Power Plant Pakistan 450 MW(Abdul Hakeem) Aug 2011– Nov 2011

Worked as a Management Trainee with ESBI International Contracting Company in Rousch Combined cycle Power Plant 450MW. My key responsibility was plant performance monitoring. I have to leave the position as I got admission in M.Sc. Chemical Engineering.

Rousch Power Plant Pakistan 450 MW (Abdul Hakeem) Feb 2011– Aug 2011

Started training under the sponsorship of Rousch (Pakistan) power limited. During the training period, covered the following areas of the Plant by rounding in department wise:

**Plant Operations**: P&IDs, startup& Shutdown, Base Load operation, Fuel changeover, routine monitoring, alarm display, emission monitoring, system of CCPP, Firefighting, efficiency, heat rate and dependable capacity.

**Plant maintenance**: Mechanical, Electrical, C&I.

**Chemical department:** Water, pH, conductivity, turbidity, Demin water, fuel oil analysis, water analysis, boiler chemistry.

**Safety:** Safety rules, manual handling, PPE, First aid, Risk assessment, working at height, confined space and safety walks

Colony Distillery Phalia (Mandi Baha-ud-Din) **Jan 2010– Feb 2011**

I worked in Colony Distillery Phalia, Ethanol (Alcohol) Formation plant from Molasses as a Shift Engineer, run a plant shift with responsibility and honor since Jan 2010 to Jan 2011.

Job Responsibilities**:**

* To monitor the Process in DCS room to check all the process occurred according to the requirements.
* Focus on the quality issue so that quality to be obtained up to the standards.
* Control all the parameter about the process temperature, pressure, flow to be controlled for a Product.
* Follow the safety previsions according to the Environment standard.
* Apply the safety precaution to be able to save the life.
* Monitor the labor with the lenient behavior to do a work in a proper manner.
* Check working of all the apparatuses to work in a satisfaction during a running plant.
* Working of Boiler, cooling tower, decanter, control valves and pumps accordingly to the desired standard.
* Report to the senior according to the some lacks which found during to running a plant.

**Feasibility study of Coal Conversion of the Lalpir-PakGen Thermal Power Plants**. Two units of Lalpir Power & Pakgen Thermal Power with capacity of 362 & 365 MW (Total 747 MW).

**Project Preparation of Polyethylene Terephthalate (PET**). Production: Reaction of Ethylene and Terephthalate produce the Polyethylene Terepthalate (PET).Use in Plastic Bottles, Polyester Fiber and Nylon Fiber

**Project Preparation of Benzoic Acid from liquid phase Air Oxidation of Toluene. Production:** Liquid phase oxidation of toluene in presence of a cobalt naphthanate produces benzoic acid. Use as a coolant, corrosion –inhibiting application,to improve the properties of various alkyd resin coating formulations, temporary plugging agent, esters use in the dyeing of synthetic polyester fibers. Used in medications, anti-fermentation additives.

### Trainings:

1. **NEBOSH International General Certificate in Occupational Health and Safety Certification** (Result awaited)
2. **New Techniques for Result-Oriented Communication** by **Terra Biz Pakistan**
3. **Steam and Combined Cycle Power Plant Heat Rate Improvements** workshop by **Society of Mechanical Engineers of Pakistan (SMEP).**
4. **Power Plant Fundamentals** from **OMS Power Solutions.**

Interests**:**

* Involved in every sports (Football, volleyball, cricket etc.)
* Passionate to know about new technologies& surfing internet.

Computer skills:

* Performance monitoring Tools
* Packages: MS Office, MS Power Point, MS Project, MS Excel
* Turbo C++
* Visual Basic
* GAMS ( General Algebraic Modeling Solution)

References**:**

Available on demand.