

BUSHRA HAROON

A-62, Sector 35/D, Korangi # 4,
KARACHI

qbushraharoon@gmail.com

0303-2657385



EDUCATION

Qualification	School/University	Year	CGPA/Grades
B.E (Mechanical Engineering)	NED University of Engineering and Technology	2016	3.5487on scale of 4.00
H.Sc.	BAMM P.E.C.H.S Government College For Women	2012	909/1100
MATRIC	Sarfaraz Pilot Higher Secondary School	2010	741/850

PROFESSIONAL EXPERIENCE

DESIGN ENGINEER

ORGANIZATION : KMNR Engineering Private Limited

DESIGNATION : Junior Mechanical Design Engineer

DURATION : 16th March, 2017 to 14th July, 2017

COMPANY PROFILE : Mechanical and Electrical consulting engineering firm based in Karachi, Pakistan that provides offshore building services engineering and drafting services to foreign consulting firms in Canada and U.A.E.

- Responsible for quick and efficient completion of projects (carrying out heating and cooling load calculations, routing and sizing ductwork and piping for residential & commercial buildings and hospitals) while paying attention to detail and accuracy.

TRAINEE ENGINEER

ORGANIZATION : 1260 MW Bin Qasim Power Station, Karachi

DESIGNATION : Performance Trainee Engineer

DURATION : 18th July, 2017 to 17th July, 2018

COMPANY PROFILE : K-Electric, (formerly known as Karachi Electric Supply Company, KESC) is a Pakistani vertically integrated Electric Corporation involved in generating, transmitting and distributing power to around 20 million inhabitants of Karachi.

- Comprehensive training on Startup, Shutdown and Safe operation of 210 MW Steam Power Plant with Hitachi TCDF-26 Reheat Condensing Steam Turbine, Babcock-Hitachi Reheat Boiler. Four months brief overview of organization's Transmission side (Grid System Protection, Transmission Projects and Implementation Department and Load Dispatch Center), Power Plants (560 MW Combined Cycle Power Plant Bin Qasim Power Station, 98 MW Combined Cycle Power Plant Korangi Industrial Area & Site Area, 247 MW Combined Cycle Power Plant Korangi) and Enabling Functions.
- Hands-on operation training with power plant major auxiliaries' systems, Turbine lube Oil system, Turbine Sealing Systems, Auxiliaries Cooling water system, Sea Water circulating and Screening system, Feed Water Treatment Systems, Boiler Combustion Air intake, Flue Gas Recirculation and Exhaust system, Fuel Oil system etc.
- Classroom trainings on startup of boiler & turbine, condenser evacuation systems, Babcock-Hitachi Reheat Boiler, Regenerative Air Heater Performance Monitoring and condition monitoring of lube oil etc.

PROJECTS

- Performance Improvement and optimization of water pumping facility (KWSB) as a final year project which included proposed maintenance approach and impeller diameter calculation for efficient and optimal performance of pumping facility.
- Mass balance of water including calculations for raw water intake, consumption; Demi water production, consumption; analyzing the depleting levels for water storage tanks and recommendations for betterment of complete water system.

COMPUTER SKILLS

- ANSYS
- AutoCAD
- Microsoft Office Suite (Word, Excel, PPT)

PERSONAL DATA

- **Date of Birth:** 01 January, 1996
- **Place of Birth:** Karachi, Sindh
- **Domicile:** Karachi, Sindh
- **NIC #:** 42201-1945874-8