

# ENGR. AMMAR AHMED

## Mechanical Engineer

Looking for an opportunity to work as a dedicated professional with an eagerness to learn, innovate and enhance my skills, abilities while maintaining fortified work ethics.

✉ ammar.ahmed.008@gmail.com

☎ +92 349 064 1099

📍 Karachi, Pakistan

📅 02 February, 1996

## WORK EXPERIENCE

### Shift Engineer

#### Yunus Textile Mills Limited

06/2020 - Present,

Karachi, Pakistan

Company is a furniture fabric industry which exports all of its products.

#### Responsibilities

- Responsible for all reactive and proactive maintenance work, whilst making sure it is carried out to the highest possible standards.
- Ordering equipment and chemicals as necessary and coordinating with the purchase department and vendors aimed at a sustainable inventory management.
- Attend to breakdowns onsite ensuring that there is always a rapid response and that plant equipment and machinery breakdown time is minimized.
- Carry out repairs to plant and equipment during production, effectively and efficiently.
- Deliver on plant uptime and maintenance KPI's through planned, preventative & predictive maintenance.
- Development and delivery of Presentations in form of Higher Management (OBEYA).
- Ensure all Health and Safety standards are met and that all equipment complies with Company and legal standards.
- Improve OEE by using 5Y methodology to identify root causes and using 8M problem solving method to overcome the issue.

#### Achievements

- Maintained Feed for Highest Production in DEC/2020, 20MGallons.
- Innovate application of water showering system to decrease effluent inlet temperature. (KAIZEN)
- 5S Implementation.
- 8M Introduced.
- Designed Rain Drain System infrastructure using Solid works.
- LOTO Implementation to Improve safe environment.

### Internee

#### Lucky One Project

12/2015 - 01/2016,

Achievements/Tasks

- Training on construction procedures
- Information about selection of machinery in the construction protocol from Excavation to Structuring
- Basic operation of Concrete Pump

### Internee

#### Atlas Honda

05/2016 - 06/2016,

Achievements/Tasks

- Controlled engineering activities to maintain work standards, adhere to timelines and meet quality targets
- Training on safety ergonomics
- Designed Industry Based Tool Centre utilizing UnigraphicsNX-8 software

## SKILLS

AutoCAD NX-8 Unigraphics Solid Works

MS Office Lean Tools Gemba Walk

5S implementation Value Stream Mapping

Root Cause Analysis(5Y Methodology)

8M Problem Solving

## PERSONAL PROJECTS

### Final Year Project "Fabrication and Optimization of Solar Water Heating System."

- Totally based on laws of physics and using only Solar Energy for heating of water. Calculated solar angles for the HELIO-STAT's. Designed the solar collector on Auto CAD

### OTS Water Dispenser (In collaboration with Optimize Techno Solution)

- This is an automatic filling machine for RO & Filtered water. This machine doesn't require any operator and is user friendly.

## LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

## INTERESTS

Programming

Socializing

Automobile Engines

Innovation

## EDUCATION

### Mechanical Engineering

#### NED University of Engineering & Technology

Karachi, Pakistan

Courses:

- Machine Design
- Structural Analysis
- Solid Mechanics
- Fluid Mechanics
- Machine Dynamics
- Mechanical Vibration