

101214-MEC-5Mq-E-2013

Maintenance Planning Engineer

Holds a B. Sc. in Mechanical Power Engineering and has more than 3 years hands-on experience, including 2 years working as Maintenance Planning Engineer and 1 year as Process Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/07/1991
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2013

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Inventor
: Minitab
: MS Project
: GMS (Global Maintenance Solution) program for maintenance planning

TRAINING COURSES AND CERTIFICATIONS

: Six Sigma, Certified green belt, SYMBIOS (from Mar. till May 2017).
: Basics of supply chain, SEED (Dec. 2016).
: ISO 17025, Universal Home Appliances (Aug. 2014).
: Lean manufacture for Leadership, Certified green belt, SYMBIOS (from Mar. till May 2014).
: Compressor, fan and blowers course, AUC (Nov. 2013).
: English course, British Council (from Jul. till Sep. 2012).
: Summer trainings at:

- Process Dept., Universal Home Appliances (Jul./Aug. 2013).
- Process Dept., LEONI Industrial factory #3 (Aug. 2012).
- Process Dept., EMECO (Jul./Aug. 2011).

- Maintenance Dept., Egypt Air (Aug. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2015 till now
- Employer** : EZZ Steel for Rebars, El Sadat Plant, Egypt
 EZZ Steel is the largest independent producer of steel in the MENA region and is the market leader in Egypt. The company produces long and flat products at its manufacturing facilities strategically located in the port cities of Alexandria, Suez and in the Egyptian interior at Sadat City and 10th of Ramadan City and sells them to customers around the world.
 EZZ Steel is the market leader in Egypt for long products, which consist principally of rebars and wire rods, which are used for strengthening concrete in building and other construction applications, and also in flat products, which consist of hot rolled coil, which are thin gauge sheets manufactured to precise specification for makers of consumer goods and industrial products.
- Job title** : Maintenance Planning Engineer
- Job Description** :
- Make a maintenance plan for weekly shutdowns and major shutdowns for three factories (Melt shop, Rolling mill #1, Rolling mill #2) by using Microsoft Project.
 - Meeting all departments to discuss the maintenance plan revision no. (0) and connect tasks between them, then discuss if they want to change a task or add a new task to the plan or not, then send the plan revision no. (1) to all departments.
 - Inspection, observation and follow up maintenance activities to finish them at the planned time.
 - Make a report after the maintenance about the maintenance day analysis which has (planned time, actual stoppage time, delay duration and reasons, activities done, postponed activities and reasons, chart for repeated tasks in every shutdowns).
 - Discuss the maintenance day analysis report on the meeting to make the departments discuss what should we do to decrease the delay duration on the maintenance day.
 - Use GMS program which is considered archive data for tasks that happened in all shutdowns then makes analysis report to short the maintenance time as we can.
 - Open requests work orders on GMS according to department tasks requests and convert them to complete if they have done or pending if they postponed, and then take the feedback for each task and record it to convert the task to the archive.
 - Make a lean manufacturing projects on five areas at the plant "Mechanical workshop, Rolling Workshop, Water treatment plant, spare parts warehouse, RM#2 Production line" to apply (5S, change layout, Ergonomics, Process sheet, Pareto analysis, Visual board).
 - Make weekly presentation awareness about lean manufacturing for Engineers and technicians.
 - Mandate for a year at EZZ Steel DRI "Direct Reduction Iron" Ain Sokhna: I have mandated for working as a Maintenance Planning Engineer at EZZ Steel DRI (Direct Reduction Iron "Ain Sokhna") for a year, due to request from El Sadat Plant Manager to cover the shortage that

happened on maintenance planning department "DRI Ain Sokhna".

- Dates** : From Jan. 2014 till Dec. 2014
- Employer** : Universal Group for Home Appliances, Egypt
A national company specialized in manufacturing home appliances with more than 7,000 employees in 6 factories. The water heater factory manufactures gas and electrical water heaters of 30 different types and models with a turnover of 600 million EGP employing 500 people in two shifts / one line.
- Job title** : Process Engineer
- Job Description** :
- I am certified Lean manufacture for Leadership, green belt from SYMBIOS.
 - Sustaining the Lean manufacturing System on Welding line.
 - Make a lean manufacturing project on spot welding line from the beginning to the end (charter, value stream map, line balance, change layout, kanban system, 5s, ISPC, QPS, OEE, Ergonomics, Process sheet, Pareto analysis, Changeover).
 - Daily Review for the welding machines parameters and check the 1st samples to insure the continuity of the product quality.
 - In process problem solving by modifying the machine parameters in case of material properties change.
 - Review and analyses the production rate per hour to insure the line max production efficiency.
- Field of experience** :
- MAINTENANCE PLAN.
 - PROCESS IMPROVEMENTS.
 - TIME ANALYSIS.