

100161-MEC-M-E-2004 Mechanical Maintenance Engineer
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Holds a B. Sc. in Mechanical Power Engineering and has about 6 years hands-on experience in operation and maintenance of Shoubra El-Kheima Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/02/1982
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: Basics and site specifics training course, constituting a program of concentrated study of power plant equipment and system theory and application from Shoubra El-Kheima Power Station Training Center, Overseas BECHTEL, from Feb. till Jun. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2005 till now
Project : Shoubra El-Kheima Power Plant (4x315MW)
Job title : Turbine Maintenance Engineer
Job Description : Supervise the maintenance group to inspect diagnose operational problems repair and troubleshooting the following equipment:

- Main steam turbine (Westinghouse 315MW) inspection & maintenance.
- Main steam turbine axillaries equipments.
- Gas turbine unit (FIAT TTG 42MW).
- Boiler feed water pumps inspection & maintenance (horizontal multi stage pump, 220 bar).

- Vertical circulating water pumps & motor (40000 LPM, 6000V, 1 BAR, 900 HP, ALLIS CHALMER).
- Vertical service water pump & motor (26000 GPM, 6000V, 3.5 BAR, GOULDS).
- High voltage motor bearing inspection (6000V).
- Make up demineralizer plant (900 GPM capacity).
- Polisher system for 315MW steam turbine unit.
- Waste water treatment plant (500 GPM MAX capacity).
- All types of pumps (positive displacement & centrifugal (horizontal, vertical) as ALLIS CHALMERS, GOULDS, MILTONROY, WORTHINGTON) pumps.
- Critical control valves and heat exchangers as ITT GRINNELL DIAPHRAGM VALVE, DEZURIK, JAMESBURY.
- Vertical pumps one stage and multi stages.
- Friction type bearing (journal bearing, kingsbury thrust bearing, tilting pad bearing and antifriction bearing).
- Horizontal pumps.
- Valves.
- Travelling screen size (9.45 x 1.85 m).
- Piping construction.

Dates : From Mar. 2005 till Jun. 2005
Employer : NORWOOD Cans factory for printing on cans
Job title : Mechanical Maintenance & Preventive Maintenance Engineer

Field of experience :

- Supervision 4 major overhauls for intake unit (pump house) for power plant (4x315MW).
- Supervision inspection of steam turbine (315MW).
- Major overhaul for Boiler feed pump (220 bar, 7 stages, Transmerica Delaval).
- Working with a group of experience engineers in inspecting gas turbine unit (FIAT TTG, 42MW).
- Supervision of a new piping line to lubricate main bearing of circulating water pump of main condenser.
- Review spare parts & consumable materials to be reordered.
- Ability to prepare and analysis all tenders.
- Working with a group of experience engineers in maintaining condensate pump (vertical multi stage pump, 35 BAR).