

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 14 years hands-on experience working mainly in Oil and Gas, specially in Liquefied Natural Gas (LNG).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/08/1980
Gender : Male
Marital Status : Married
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2002

LANGUAGES

Arabic : Native Language
English : Fluent
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab programming
: AutoCAD drawing
: Documentum program
: Ocean program for maintenance requests

TRAINING COURSES AND CERTIFICATIONS

- : On-job training courses:
- Basic Training in LNG Plant concerning a general back ground about LNG and how to produce LNG.
 - Specific Training in LNG Plant concerning the following:
 - Process description.
 - Explanation of each unit & it's operating manual in LNG plant.
 - HSE Training (General & Specific) concerning LNG Plants.
 - Hitachi Training for Gas Turbines frame 5 (25MW).
 - Siemens Training for Generators (25MW).
 - Mark VI Training for Gas Turbines control.
 - Nuovo Pignone (G.E.) Training for Gas Turbines frame 7 (78MW).

- PMS Training for power generation management (Load Sharing, Shading and Distribution).
 - Mixed Refregerant & Propane Comperessors control (CCC) training.
 - VSDS Training for helper motor for Nuovo Pignone (G.E.) Gas Turbines.
 - Atlas Copco Training Compressors for Air Compressors.
 - Air Products Training for Nitrogen units.
 - Effluent & Waste water treatment training.
- : Non-Technical Training Courses:
- Problem Solving and Decision Making by PROMARK.
 - The Seven Habits Of Highly Effecyive People by LTC.
 - Six Sigma Course by LTC.
 - The Leader In You by DALE CARNEGIE & ASSOCIATES, INC.
 - Team Building and High Performance Teams by DALE CARNEGIE & ASSOCIATES, INC.
- : Summer Training Courses during University:
- Kader factory for Advanced Industries Co.:
 - Electric motors maintenance.
 - Transformers maintenance.
 - Laying Cables.
 - Schneider Electric H.V.:
 - Electric substations design.
 - Quotations study.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2015 till now
Employer : ENI
Project : Angola LNG (Conoco Phillips)
Job title : Shift Team Leader
Job Description : Responsible for the pre-commissioning, commissioning and start-up for Angola LNG plant, training and mentoring the national operators, reviewing and updating the standard operating procedures, contributing in hazard analysis studies (HAZOP), RCA's and PHA's, supporting in ALNG work permit system implementation, evaluating and assessing the national operators.

Dates : From 2012 till Sep. 2015
Employer : SEGAS Co.
Project : LNG (APCI)
Job title : Shift Supervisor
Job Description :

- Control of work permits, establish and directs methods and precautions required and perform risk assessment for critical maintenance activities, outlining the necessary steps and their logical sequence on all maintenance work carried out during the shift to complete the job efficiently, safely and ensure that procedures are adhered.
- Giving suggestions (Rewarded) for plant operation improvement through design modification or SOP change for the safety of the plant and running cost reduction.
- Participated in plant preservation procedures writing and implementation, specially the AGRU, LNG storage and loading and utility sections.

- Write shift Daily report, operation observation relevant to the operation activities and identify potential opportunities for continuous improvements.
- Coordination of shift activities with maintenance department to insure a smooth operation of the plant.
- Carry out independently various routine operation parameters adjustment to streamline unit operation and maintain production plan.
- Record and advice outside operators of apparent deviations from specified operating conditions, compressors performance, pumps cavitation.....etc.
- Training of the new operators and fresh engineers.

Dates : From 2003 till 2012

Employer : SEGAS Co.

Project : LNG Plant

Job title : DCS Supervisor

Job Description :

- Involved in pre-commissioning, commissioning, start-up & subsequent stabilization of the following sections:
 - LNG train which consists of:
 - Feed gas metering and conditioning including a feed gas compressor (34MW).
 - Gas treatment units (Mercury removal, acid gas removal and dehydration units).
 - Gas Liquefaction units using APCI technology (MCHE).
 - Refrigeration units using two (G.E.) Gas Turbines (Frame 7 - 78MW) each Mark VI driving 4 stages propane compressor and 3 stages Mixed Refrigerant compressor.
 - Utilities which consists of:
 - Water treatment units (Desalination water unit, De-mineralized water unit, potable water unit).
 - Nitrogen production unit (Gas and Liquid).
 - Atlas Copco Compressors for Instrument Air & Service Air supplyment.
 - Effluent & Waste water Treatment unit (sanitary & oily water treatment).
 - Power Generation Plant which consists of:
 - Three Emergency Diesel Generators (2MW each).
 - Six substations for power distribution all over the plant.
 - Five Hitachi Gas Turbines (Frame 5 - 25MW) each, (Mark VI) driving Five Siemens Generators with power management control system (PMS).
 - LNG Storage and loading which consists of:
 - Two 150,000 cubic meter LNG tanks.
 - Eight LNG Loading Pumps (four per each LNG tank).
 - Three Boil Off Gas Compressors (Reciprocating Comp.).
 - Jetty having four LNG Loading Arms.
 - Refrigerant storage which consists of:
 - Propane sphere tank with importing and transfer system.
 - Ethane bullet tank with refrigerant package and importing and transfer system
 - Condensate bullet tank with exporting metering station.
- Monitor the plant operation, diagnose abnormal situations, initiate

operational adjustments to maintain smooth operation and confirm that the product meet the required stipulated specifications and quantities.

- Provide functional directions to field operators and panel operators to adjust plant operation.
- Monitor all running machines, instruments & on going maintenance work.
- Discuss all accidents, incidents, operation upset reports and near misses with day supervisor and fellow operators in order to avoid recurrence.
- Adjustment of the operating parameters to meet the production rate along with the product specifications.
- Monitor process chemicals consumption inventories and reports / coordinate with shift supervisor to withdraw required chemicals out of warehouse.
- 2005 Turn-around complete planning. Starting from the plant shutdown, minimizing inventory of hydrocarbon and chemicals, inerting and preparation of the plant and organizing with the other Plants / Departments, ending with plant pre-comm./comm. and start-up.