

C.V

Mohamed Ahmed Ali Yaakoup
Koum Hamada - Elbehira - Egypt

Personal Details :

D.O.B: 06 - NOV- 1979

Marital status: Married

Military service: Completed

Driving License: Valid

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Academic Qualifications:

Education: Bachelor of Science 2001

Department: Special Chemistry

General grade: Good

University: Alexandria University

1st Post Graduation: Diploma in Applied Chemistry **2012**

University: Tanta University

2nd Post Graduation: Diploma in Analytical Chemistry **2014**

University: Tanta University

Experience:

- **Title 1:** Process and Utility Supervisor at SPM Oil and Gas /Caterpillar Company - Permanent power Generation (PPG)/Zubair Oil Field, Al Basrah, Iraq from 11/2021 till Now.

Responsibility:

Supervision on following systems:

- ❖ Fuel gas trap area.
- ❖ Fuel gas condensate handling system.
- ❖ Hot water boiler /Dew point heat exchanger.
- ❖ Main air compressor, Atlas controller.
- ❖ Water treatment plant: Ultrafiltration, RO, Demin plant, Potable system.
- ❖ Sewage water treatment.
- ❖ Firefighting water system, water hydrant, water foam hydrant, and deluge.
- ❖ Firefighting Gas system (engine gas & CO2 Gas), with FF control panel.
- ❖ CEMS monitoring.
- ❖ Chemical dosing system.
- ❖ Fuel oil system.
- ❖ Black start diesel generator.
- ❖ Prepare daily report for activities and follow up PM/CM for equipment.

- **Title 2:** Commissioning Chemist/Ansaldo Caladi (AC boiler) company – West Cairo power plant (1*650 MW Supercritical boiler) from 04/2021 till 11/2021.

- **Title 3:** Commissioning Chemist/Ansaldo Caladi (AC boiler) company – South Hellwan power plant (3*650 MW Supercritical boiler) from 11/2019 till 04/2021.

Responsibility:

All Operating Steps, assigned to perform the following:

- ❖ Review the chemical cleaning of HRSG.

- ❖ The wastewater quality to be within the legal environmental limit before disposal.
- ❖ Apply the HRSG boiler treatment & closed cooling water.
- ❖ Start-up of the chemical dosing system.
- ❖ Condensate polishing system commissioning and start up.
- ❖ Start-up of the sampling system with its required calibrations and reagent preparation for the online analysers.
- ❖ Maintain the boiler water/steam quality within the recommended limits.
- ❖ Reliability tests and normal operation.
- ❖ Order all the required chemicals, tools and maintain in the chemical inventory.
- ❖ Developed and implemented HSE plan for the chemical's activities in the site.
- ❖ Evaluations and risk assessment on environmental and safety hazards of construction development and operational activities.
- ❖ CEMS Unit.
- ❖ Preparing Reports and documentation.

➤ **Title 4: Operation and maintenance chemist/ Siemens AG. Power and gas- Burullus combined cycle power plant 4800 MW –EGYPT**
From 12/ 2018 till 11/2019.

➤ **Title 5: Commissioning chemist/ Siemens AG. Power and gas- Burullus combined cycle power plant 4800 MW –EGYPT**
From 2/ 2018 till 12/2018.

Responsibility:

All Operating Steps, assigned to perform the following:

- ❖ Review the chemical cleaning of HRSG.
- ❖ The wastewater quality to be within the legal environmental limit before disposal.
- ❖ Apply the HRSG boiler treatment & closed cooling water.
- ❖ Start-up of the chemical dosing system.
- ❖ Condensate polishing system commissioning and start up.

- ❖ Start-up of the sampling system with its required calibrations and reagent preparation for the online analysers.
 - ❖ Maintain the boiler water/steam quality within the recommended limits.
 - ❖ Reliability tests and normal operation.
 - ❖ Order all the required chemicals, tools and maintain in the chemical inventory.
 - ❖ Developed and implemented HSE plan for the chemical's activities in the site.
 - ❖ Evaluations and risk assessment on environmental and safety hazards of construction development and operational activities.
 - ❖ CEMS Unit.
 - ❖ Water treatment Systems (R.O Unit, EDI Unit, Demineralization System, Electro chlorination plant).
 - ❖ Preparing Reports and documentation.
- **Title 6: Operation and maintenance chemist / MDEPC (Middle Delta Electricity Production Company- Nubaria combined cycle power plant 2250MW-EGYPT From 2012 till 2/2018.**
- **Title 6: Shift Chemist / MDEPC (Middle Delta Electricity Production Company- Nubaria combined cycle power plant 2250MW-EGYPT From 2005 to 2012.**

Responsibility:-

All Operating Steps, assigned to perform the following:

- ❖ Review the chemical cleaning of HRSG.
- ❖ The wastewater quality to be within the legal environmental limit before disposal.
- ❖ Apply the HRSG boiler treatment & closed cooling water.
- ❖ Start-up of the chemical dosing system.
- ❖ Condensate polishing system commissioning and start up.
- ❖ Start-up of the sampling system with its required calibrations and reagent preparation for the online analysers.
- ❖ Maintain the boiler water/steam quality within the recommended limits.
- ❖ Reliability tests and normal operation.

- ❖ Order all the required chemicals, tools and maintain in the chemical inventory.
- ❖ Developed and implemented HSE plan for the chemical's activities in the site.
- ❖ Evaluations and risk assessment on environmental and safety hazards of construction development and operational activities.
- ❖ CEMS Unit.
- ❖ Water treatment Systems (R.O Unit, EDI Unit, Demineralization System, Electro chlorination plant).
- ❖ Preparing Reports and documentation.

Certificates :

1. Offshore Operation Training by Metito Overseas Ltd UAE

Including: -

- Demineralization Plant.
- Pre-Treatment Plant.
- Sewage Treatment Plant.
- Potable Water System.
- Waste Water Treatment.
- Oil Water Separator System.
- Chemical Injection System.
- Steam Water Analysis System.

2. Water Treatment in Power Plant.

Abou Queer Electricity Training Centre

3. Corrosion and Cathodic Protection in Power Plant

MDEPC Training Sector

4. Turbines Oils.

Central Chemical Labs

5. HSE

MDEPC Training Sector

6. firefighting.

Certificate given from Ministry of interior.

Work Skills: -

- ❖ Ambitious.
- ❖ Able to work independently under pressure and cooperatively with another supporter/assistant

Personal Skills:

Languages:

- Arabic (mother tongue)
- English (Course for Non-Specialist) (MDEPC Training Sector)

Computer: ICT Course.

Companies I have worked for:

