



Amman, Jordan

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LAITH JARA'ABEH

PROFILE

Analytical, organized, detail-oriented and self-motivated Engineer with experience in the energy and power generation field. Expertise in Power plant efficiency enhancement through continuous improvement projects. Collaborative team player with ownership mentality and a track record of delivering the most efficient and highest quality strategic solutions to resolve business challenges, propel business growth.

EXPERIENCE

Jan 2014 to present

SR. PERFORMANCE ENGINEER

AES CORPORATION, AMMAN, JORDAN

Working in AES Corporation-Jordan branch which includes three plant with different type of power generation (Tri-fuel Engine and Solar PV plant), my main job description as follows:

1. Performance responsible of Diesel Engine power plant with 250 MW capacity (WARTSILA 50DF-18V Diesel Engine tri-fuel. (LFO, HFO and NG)).
2. Performance responsible of 50 MW Solar PV plant.
3. Leading PPA negotiation with customer.
4. Overall Responsible for Monthly energy Invoices preparations, calculations verifying and submitting to off-taker on time.
5. Experience in thermal and solar plants billing system of power plant and energy field (FAT and SAT).
6. Thermal Plants heat rate calculating for multiple fuel types (HFO, LFO and NG), analysis and monitor the overall plant performance.
7. Overall responsible for monthly operation KPI calculating, follow up analysis, update, analyze and prepare action plan to improve KPI.
8. KPI budget preparation, monitoring and set corrective action for any deviation MTD and YTD.
9. Overall responsible of implementing continues improvement projects which improve plants performance, energy, quality, safety, environment... etc. APEX (AES Performance Excellence) champion of continuous improvement projects, applying lean tools and methodologies, more than 20 projects achieved over my experience in AES Jordan with annual net saving of 1 million USD/year.
10. Overall responsible of implementing the assets management system **ISO 55001** and coordination with all party to implement the best practices, overall responsible for internal audit program, external audit and third-party audit preparation.
11. Overall responsible of implementing the energy management system **ISO 50001**.
12. Lead internal auditor of **ISO 14001, 45001, 50001 and 55001**.
13. Overall responsible to implement the stakeholder management system, monitoring and coordinating the execution of Stakeholder Management Plan.
14. Implementation of Root Cause Analysis as RCA Leader and follow up NCRs and the action plan of RCA process.

15. Change management process overall responsible.
16. Lead CAPEX projects after techno-economic analysis.
17. Overall responsible of plant performance monitoring using multiple techniques e.g (PI VISION) and conducting engineering analysis to ensure the best plant performance.

March 2010 – Sep 2013

OPERATION ENGINEER

WARTSILA GULF FZE, AMMAN, JORDAN

Wartsila Gulf, Jordan Branch in Diesel Power Plant as Electrical engineer (operation and maintenance), (Wartsila18V32 Diesel Engine).

1. Plant operation and monitoring.
2. Plant maintenance.
3. Daily, monthly and annual operation report preparation.

EDUCATION

2005

- **HIGH SCHOOL EDUCATION: SCIENTIFIC STREAM JORDAN
OVERALL PERCENTAGE 84.4%.**

2005-2010

- **MU'TAH UNIVERSITY, JORDAN
BSC IN ELECTRICAL ENGINEERING / POWER & CONTROL.**

CERTIFICATIONS

- ISO 55001 Certified Lead Auditor.
- OHSAS ISO 18001 Certified Lead Auditor.
- ISO 45001 Certified Lead Auditor.
- ISO 14001 Certified Lead Auditor.
- SIX SIGMA Green Belt.
- RCA Certified (Taproot and 5Ps).
- Continuous Improvement Champion.
- PI VISION and AF from OSI.

SKILLS

- MS Office.
- Critical Thinking.
- Team player.
- Hard worker.
- Self-learning.