


# SALMAN ALMUATAR

POWER PLANT  
OPERATION ( + 1 5 YEARS )

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 KSA -EASTERN PROVINCE  
DAMMAM

## PROFILE

15 years of professional experience in Industrial Utility Operation specialized in heavy duty Gas turbine power generation and steam production.

## SKILLS

- HSE
- Safety Rules PTW -LOTO
- Laboratory Skills
- problem solving
- Maximo enterprise suite
- Team Work
- Critical Thinking
- Strong Communication

## EDUCATION

DIPLOMA IN ELECTRICAL  
ENGINEERING  
2003-2006

## EXPERIENCE

### SENIOR OPERATOR

Jubail Energy CO (SADAF), A SABIC Affiliate  
2007-2017



- responsible for safe and reliable operation of Co-Generation Power Plant (Siemens machine ) during start - up, shutdown and normal operations at GT/ HRSG/ DB / water treatment plant/Gas Compressor / Generator and Transformers

### SENIOR OPERATOR-CRO(A)

Tihama Power Generation Co SA Gas Plant  
2017-date



- Responsible for safe & efficient Operation of all equipment (GAS Turbine -GE 7FA, HRSG and BOP)
- DCS & Mark VIe daily monitoring including standard trends, alarms, and parameters.

### ACCOMPLISHMENTS & CERTIFICATIONS

- HSE Top Performance Recognition - Engie-Tihama 2021
- Prize winner of HSE high records made -JEC-2009
- Engaging in Meeting including production, outage, lessen learned, Root Cause Analysis, MOC, and Team Brief.
- Undergone in house training for Siemens Operation Familiarization (After commissioning)
- Authorized first aider
- Undergone EMERGENCY RESPONSE TRAINING (ERT) at SADAF Petrochemicals Company

## JEC

Gas Turbine: Siemens Westinghouse W501D5A (125MW X 2) with Siemens TXP 650 DCS System.

Water Injection System: To reduce the emissions of Nitrogen Oxides (NOx) that are produced due to rapid oxidation of fuel and limiting to <25ppm.

Wet Compression System: For Power Augmentation purpose (Approximately 10MW of Power is achieved)

HRSO: Doosan Make with capacity of (255 t/h, 54 bar, 402 °C) X 2 units with supplementary firing consists of natural gas fired 6 duct burners for each HRSO.

BOP: De-mineralization plant with a capacity of 142m<sup>3</sup>/hr (71m<sup>3</sup>/hr X 2 trains).

Fuel gas Compressors, Instrument Air compressors, Fire protection system and EDG etc.

## Engie Tihama Power

Gas Turbine: GE Frame 7FA / 7FA+e (150MW X 2+ 175MW) with Power Augmentation system of TIAC chillers

DLN 2.6 : DRY LOW Nox system To reduce the emissions of Nitrogen Oxides (NOx) limiting to <25ppm.

HRSO: NEM 3 units with supplementary firing consists of natural gas fired 6 duct burners for each HRSO.

BOP: Instrument Air compressors, Fire protection system and EDG etc.