



Title **Technical Advisor - Mechanical Gas Turbines**
City **Based in Kuala Lumpur Malaysia, should be willing to relocate as per the site locations and requirement.**

Description Turbo Control Solutions (TCS) has been an independent service provider to owners and operators of industrial & Aero-derivative gas turbines, steam turbine, generators, pumps, compressor and their associated control system in both, Power Generation and Oil & Gas industries across the globe. With combined experience of over 60 years in handling Rotating Equipment, TCS has carefully built a team that brings strong references and all the knowledge and flexibility that the demanding industry requires. Our competences reach from conceptual design and detailed engineering study, onsite technical support and troubleshooting, planned & unplanned outages, entire plant relocation, installation, commissioning and startup, control system upgrade, retrofits, routine system maintenance, or genuine OEM spare part deliveries, with complete engineering support to world class professional technical training to achieve sustainable growth by offering our value-add products and services to our customers, operations to optimize and realize the full potential of the turbo-machinery assets.

Our global services and distinguished customer support are assurance that we will meet your everyday needs.

- Turbine Services
- Product & Services
- Training Programs
- Turbine Control Experts
- Engineering, Procurement & Construction

SUMMARY

This position requires travel, both domestic and international.

The Mechanical Technical Advisor manages mechanical activities on site during the Installation & Commissioning and Maintenance of gas turbines (generator or mechanical drive), Compressor, Steam Turbines etc.

Responsible for reviewing plant engineering documents and P&ID's, troubleshooting of plant systems and equipment, planning, organizing, integrating and direction of resources such as labor, tools and materials as required to complete the work scope according to contractual requirements.



Essential Duties and Responsibilities

The Lead Mechanical TA Reports to the project manager on matters involving the mechanical work during installation, commission, maintenance and operation of Gas turbines.

Attend daily start-up meetings to coordinate activities in a safe manner while interfacing with other personnel involved in the project such as Electrical, controls, construction, operations, owner, engineering, and vendors.

Direct other TAs and local craftsmen under his supervision in support of various activities at site.

Supervise customer operators during the operation of systems prior to, and after they are put into service.

Develop startup procedures, startup schedules, and site-specific startup documentation.

Ensure the correct installation, pre-commissioning, commissioning and maintenance practices are followed.

Work with owner's representatives to maintain the startup schedule

Maintain startup packages, controlled drawings, and applicable project records.

Address activities during performance testing emissions testing, and reliability testing.

Oversees the third party testing of applicable equipment.

Ensures lockout and tag-out procedures and all other safety-related activities are maintained.

Provide scheduling and status reports to project manager.

Ensure contractual obligations are met.

Ensure all in-field activities are carried out safely complying with company environmental, health, and safety (EHS) guidelines and procedures.

Procurement and maintaining of spare parts and consumables required for testing of systems.

Provide expert consultation on complex projects

Provide customers with technical direction and support on Original Equipment Manufacturer (OEM) packaged products.



Overall responsibility of the management of site activities including planning, organizing, integrating and directing of resources such as labor, tools and materials as required to complete the work scope according to contractual requirements.

KNOWLEDGE, SKILLS AND ABILITIES:

Prior lead TA experience (5 years minimum) Installing and Commissioning, Operation & Maintenance gas, steam turbine etc.

Hands on experience working on GE LM, P&W FT4&8 package equipment.

Knowledge and prior experience of turbine applications.

Installations and alignments of turbines and generators.

Experience on complete overhauls/inspection of GE Aero-derivative & Heavy Duty Industrial gas turbines (different frame sizes).

Experience in rigging turbines, generators and associated equipment.

Borescope Inspection on aero-derivative and frame units

Attended formal training on gas turbines, with Min level 2 Mechanical Maintenance Certifications.

Should be fluent in English

Strong analytic and problem solving skills

Good interpersonal and organizational skills

Strong computer skills

Relies on extensive experience and judgment to plan and accomplish goals

EDUCATION and/or EXPERIENCE:

Bachelor Degree in Mechanical Engineering and 5 years of experience, or 8 years of experience without formal degree, in power plant maintenance, turbine generator maintenance, or power plant equipment installation/commissioning/operation/maintenance.

TO APPLY:

Interested parties should apply via hr@tcssb.com and quote reference as Job Title.