

Job Descriptions

Job Title:	Analyzer Technician	Salary Grade	SAR 5300
Division / Department:	TS- MSS	Employment Type:	Work Visa (Long Term)
Direct Manager:		Duty Hours:	08 Hours / Day, 6 Days / Week

Job Purpose:

The Analyzer Technician is responsible for ensuring the optimal functioning of online analyzers and sample conditioning systems in the plant. This includes conducting preventive and corrective maintenance, repairing electronic components, training local technicians, and ensuring adherence to safety protocols. The role requires expertise in various analyzer systems and a proactive approach to problem-solving and continuous improvement.

Key Responsibilities:

- **Analyzer Functionality:** Monitor and check the functionality of ON-LINE analyzers in the plant, ensuring that sample conditioning systems are functioning as required.
- **Preventive Maintenance:** Perform scheduled preventive maintenance on analyzers to ensure consistent and reliable operation.
- **Corrective Maintenance:** Provide corrective maintenance as needed based on operational requirements to minimize downtime.
- **Repairs:** Repair printed circuit boards (PCBs) and electronic circuits of analyzers to maintain optimal performance.
- **Safety Compliance:** Follow and enforce safety rules while conducting maintenance activities, ensuring proper documentation and record-keeping of all actions.
- **Training:** Train Saudi technicians in the field, providing guidance on maintenance, troubleshooting, and best practices.
- **Analyzer Expertise:** Demonstrate proficiency in the operation and maintenance of various types of analyzers and systems, including:
 - Ametek, Yokogawa, Rosemount & ABB Analyzers
 - Infrared Analyzers
 - Shutdown logic systems for analyzers
 - Field gas detection systems
 - Gas chromatography
- **Technical Knowledge:** Apply knowledge of root cause analysis (RCA) and problem-solving techniques to diagnose and resolve issues efficiently.
- **Problem Solving & Change Management:** Use analytical and methodical approaches to solve technical problems, manage changes, and improve processes.

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- **Communication: Effectively communicate technical issues, solutions, and updates both orally and in writing in English.**

Key Skills and Qualifications:

- **Strong technical knowledge of analyzers and electronic circuits.**
- **In-depth experience with the types of analyzers listed above.**
- **Ability to perform root cause analysis (RCA) and apply problem-solving techniques.**
- **Ability to work independently and collaboratively as part of a team.**
- **Strong leadership qualities, with the ability to train and mentor junior technicians.**
- **Excellent oral and written communication skills in English.**
- **Knowledge of plant operations and maintenance protocols.**
- **High credibility, integrity, and a proactive approach to tasks.**
- **Flexible thinking, with the ability to analyze and solve complex issues.**
- **Experience with change management and continuous improvement processes.**

Education & Experience:

- **Technical degree in Electrical Engineering, Electronics, Instrumentation, or related field.**
- **Minimum 5 years of hands-on experience in analyzer maintenance and repair, preferably in an industrial or plant environment.**
- **Certification or training in relevant analyzer systems and maintenance is a plus.**

Working Conditions:

- **Ability to work in a plant environment, including exposure to machinery, chemicals, and high-pressure systems.**
- **May require occasional travel for training or troubleshooting in the field.**

Approved by	Reviewed and accepted by
Signature over printed name	Signature over printed name
Date:	Date: