

A4.4 Electronics/CNS Technician

JOB IDENTIFICATION	
Job Title: Electronics/CNS Technician	Department: CNS/ Electronics Department
Written By: CNS Manager	Title of Immediate Supervisor / Manager: CNS Manager
No. of Direct Reports: 1	
JOB PURPOSE	
<p>To Provide electrical and electronic engineering services to Ras Al Khaimah International Airport to ensure the continuous availability and operation of all operational systems and equipment for ATC.</p> <p>The position requires being part of shift keeping team to cover 24-hour shift duties of electronics department.</p> <p>The position requires immediate responsibility for maintaining the ATC electronic systems in an operational status and in effecting repair or substitution in the event of failure.</p>	
RESPONSIBILITIES AND DUTIES	
<p>Perform maintenance of all electronics systems and equipment in coordination with CNS engineer.</p> <p>Assist the day engineers in establishing daily/weekly/monthly routine maintenance schedules etc. in accordance with Ras Al Khaimah International Airport's engineering and manufacturers advised procedures.</p> <p>Ensure prompt repair of electronic systems and equipment during the shift.</p> <p>Monitor and react to the complaints/issues from ATS and from other departments to rectify defects. To inform the day CNS engineer of major complaints or failures about the equipment.</p> <p>Follow up and repair outstanding faults and perform non-scheduled tasks and preventive maintenance of electrical and electronic systems and equipment as directed by CNS engineer or CNS Manager.</p> <p>Log all faults reported by ATS or other departments into Job Card</p> <p>System Update job card system after rectification of the faults</p> <p>Responsible for issuing CNS ROSI List.</p> <p>Always keep the engineering logbook updated.</p> <p>Mention all the night activities in the logbook for the day engineers to check and action on any activities as and when required.</p> <p>To follow all the standing instructions and operating instructions of the department.</p>	

JOB RELATED COMPETENCIES & SPECIFICATIONS SECTION

Knowledge, Skills and Competencies:

English skills required.

UAE driver's license required.

Navigational knowledge required.

Attention to detail and quality Problem solving and decision-making Situational awareness

Continuous learning

Electronic technician certification/competency required.

This position requires in depth knowledge of electronics theory and practice to a level proportionate with the position. In depth technical knowledge of modern data processing, PC hardware technology, software applications, computer networking, primary and secondary radar, air traffic radar display systems, data communication systems, automation and aeronautical VHF/UHF and communication systems.

Good knowledge of ICAO Annex 10 SARPs.

Good analytical skills in assembling facts and reaching sound conclusions to report. Ability to provide specialist/technical advice on short notice in response to critical events. Excellent communication and interpersonal skills to explain and interpret regulations both orally and in writing.

Computer skills are essential to prepare clear, concise and quality technical reports.

Educational Profile and Experience:

Internationally recognized diploma and/or a higher diploma in electronic engineering (3 years of study) or similar. Minimum 3 years of experience in air traffic radar, radar display systems, data processing systems, communication systems, V/UHF transceivers and operational aviation/navigational systems.

Physical Demands:

Should be medically fit.

Colour vision.

Positive attitude towards others and with work environment

Work Environment:

The position requires you to function as a shift electronic technician for the provision of electronics engineering and maintenance services to ensure the continuous operations of the ATC systems and radar/radio equipment for the airport and to generate procedures, training notes and certification to the department staff.