







Trends impacting this role

 Sustainability			
 AI	 IoT		

In the next **1 - 3 years...**



MEDIUM degree of
change in tasks

**The job will potentially
require
MODERATE JOB REDESIGN**

*A fair proportion of the job tasks
will be substituted by
technology, with human
intervention required for high
value-adding tasks as against
routine, repetitive tasks*

Responsibilities of the role today

The Technician / Coordinator is responsible for ensuring that all **engineering equipment and systems are fully functional** and in **optimal operating condition**. He/She supports the team by performing maintenance on equipment and systems in accordance with maintenance Standard Operating Procedures (SOPs).

Responsibilities of the role in the future

Moving forward, this role is still responsible for ensuring that all engineering equipment and systems are fully functional and in optimal operating condition. **The use of technology tools will alleviate the tracking and monitoring equipment and systems**, allowing the job holder to **prioritise operations and maintenance activities**.

Critical Work
Function

Job tasks today

Job tasks within the next 3 years

Maintain
equipment and
systems

Monitor equipment and system
condition and performance

- A **combination of Internet of Things (IoT) smart sensors and AI-enabled dashboards** allow for the **real-time tracking of equipment and systems performance** and **facilitate predictive maintenance**, allowing the job holder to prioritise other day-to-day tasks.

Conduct
operations

Follow resourcing plans in support of
engineering projects, performing
repair works on equipment and
systems and housekeeping

Operate and conduct testing of
equipment and systems in adherence
to operational plans and Standard
Operating Procedures (SOPs)

- Follow resourcing plans in support of engineering projects, performing repair works on equipment and systems and housekeeping.

Manage
responses to
emergencies
and crises

Follow emergency response plans and
relevant safety procedures and
respond to emergencies

- Operate and conduct testing of equipment and systems in adherence to operational plans and Standard Operating Procedures (SOPs).

Manage health,
safety and
environment

Report accidents and incidents in
accordance with Workplace Safety
and Health (WSH) policies and
Environmental Management Systems
(EMS) standards and practices

- Follow emergency response plans and relevant safety procedures and respond to emergencies.

- Report accidents and incidents in accordance with Workplace Safety and Health (WSH) policies and Environmental Management Systems (EMS) standards and practices.




Redesign possibilities

Vertical stacking

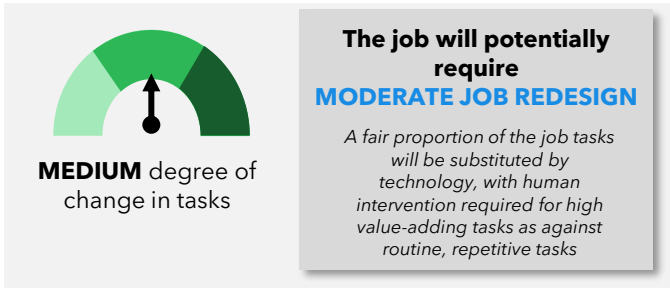
- Stacked with *Assistant Engineer / Senior Technician* and enlarged to become **Engineering Associate**.



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In addition to the Skills and Competencies identified in the [Skills Framework for Engineering Services](#), the following additional TSCs and CCSs have been identified as relevant for the job role going forward:

Additional Technical Skills and Competencies (TSCs)		
Data Analytics	Green Facilities Management*	Internet of Things Management*

Additional Critical Core Skills (CCSs)		
Adaptability	Learning Agility	Self Management

- Skills denoted by an asterisk (*) are not available in Skills Framework (SFw) for Hotel and Accommodation Services (HAS) but available in other SFw.
- Skills not marked are available in SFw for HAS but are not currently tagged to this job role in the function.