

Lifting Supervisor

Technology solutions impacting this job...



Predictive & Prescriptive Fleet Management



Autonomous Last Mile Delivery



Dynamic Route Optimisation



Autonomous Last Yard Delivery

Impact assessment...



MEDIUM degree of change in tasks

A small proportion of the job tasks will be substituted by technology solutions, with human intervention required only for high value-adding tasks instead of routine, repetitive tasks

*Within **3 to 5 years**, the role will potentially...*

REQUIRE REDESIGN

Today, this job role is responsible for coordinating and supervising all lifting activities in accordance with regulations, and overseeing the set-up, maintenance and safe and efficient operations of the lifting equipment. He/She is required to be present during all lifting operations.

Job tasks today	Impact at task-level / Future view of job tasks	
Troubleshoot equipment, determine maintenance needs	M	<ul style="list-style-type: none"> Remote monitoring systems will provide visibility on impending failures and issues, thus minimising the need for this job role to identify maintenance needs. The focus will shift to handling exceptions and troubleshooting complex issues. While the focus will shift to overseeing robot operations and coordinating workflows to ensure smooth operations, human supervision during lifting operations will also continue to be critical to ensure compliance with regulatory requirements.
Apply methods to manage cargo with special needs	M	<ul style="list-style-type: none"> Sensor technology will enable real-time visibility and monitoring of cargo, especially for those requiring special conditions e.g. time-sensitive, temperature-sensitive, dangerous and high-security cargo. With robotic cargo-handling solutions, the focus will shift to troubleshooting and coordinating complex cargo operations.
Perform equipment quality checks & sustainability support	M	<ul style="list-style-type: none"> With basic quality checks and sustainability parameters embedded into automated processes, the focus will shift to ensuring accuracy in meeting customer requirements while adhering to standard operating procedures and business needs.
Support safety and health risk assessments	M	<ul style="list-style-type: none"> The focus will shift to monitoring sensor data and trend analysis reports to identify potential safety and health risks and propose solutions for improvement of processes. The job holder will also need to be familiar with evolving safety standards in light of technology evolution, and continue to ensure personal compliance.

In the next **3 - 5** years... There will be **opportunities to relieve some of the manual tasks** that are part of this role. The focus will shift to supervising, troubleshooting and maintaining advanced technology solutions. The job holder will assume higher responsibilities for interpreting data to ensure smooth operations, safety and compliance.

Emerging skills

With the focus shifting to supervising, troubleshooting and maintaining advanced technology solutions with inputs from data, the job holder will need to be reskilled on the following skills:

- Advanced Digital Acumen
- Augmented Reality Application
- Automation Management
- Data Interpretation and Analysis
- Technology Troubleshooting
- Systems Thinking
- Complex Problem Solving
- Decision Making