



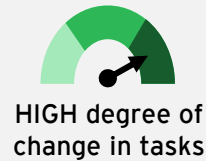


Warehouse Storekeeper / Inventory Coordinator / Logistics Coordinator

Technology solutions impacting this job...

-  Smart Inventory Counting
-  Intelligent Robotic Sorting
-  Automated Storage and Retrieval Systems (AS/RS)
-  Predictive & Prescriptive Maintenance

Impact assessment...



A significant proportion of the job tasks will be substituted by technology solutions, thus minimising or eliminating the need for human intervention

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

UNDERGO DISPLACEMENT

Today, this job role is responsible for coordinating general warehouse operations and activities including shipping and receiving deliveries, manually conducting stock checks, documenting warehouse transactions and records, and storing of inventory.

Job tasks today	Impact at task-level / Future view of job tasks	
Coordinate stock checks, arrangement and rotation of warehouse cargo	H	<ul style="list-style-type: none"> Tasks for inventory checks, stocktaking and locating inventory will be performed by UAVs and AR-powered vision-picking and voice-picking solutions. AS/RS and AGVs will eliminate the need to coordinate arrangement and rotation of warehouse items. Focus will shift to monitoring technology solutions and interpreting data to manage exceptions, and select the best storage locations, storage media, and pick paths for stock.
Coordinate cargo handling schedules, monitor special needs cargo	H	<ul style="list-style-type: none"> IoT sensors will enable real-time visibility and monitoring of goods, especially cargo requiring special conditions e.g. time-sensitive/ temperature-sensitive/ dangerous/ high-security goods. With robotic sorting solutions, the focus will shift to troubleshooting operational roadblocks, coordinating workflows, and handling any exception parcels such as items that require repacking, relabeling, or customs checks.
Perform documentation and quality improvement	H	<ul style="list-style-type: none"> Digital data logging, basic documentation and standard report generation are possible through use of RPA and AI (NLG). Data on quality control and sustainability parameters will enable the job holder to make well-informed decisions to pre-empt operational shortfall and quality issues.
Support safety and health risk assessments	M	<ul style="list-style-type: none"> With more data on safety and health parameters, the focus will shift towards monitoring sensor data and interpreting trends to identify potential risks and propose solutions. 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... This role will be responsible for overseeing operations of industry 4.0 technology solutions and troubleshooting operational roadblocks. This role will **likely cease to exist for small-scale operations**. There is high potential for **convergence with the Warehouse/Inventory Control/Quality Control Supervisor role for medium to large-scale operations**

Emerging skills

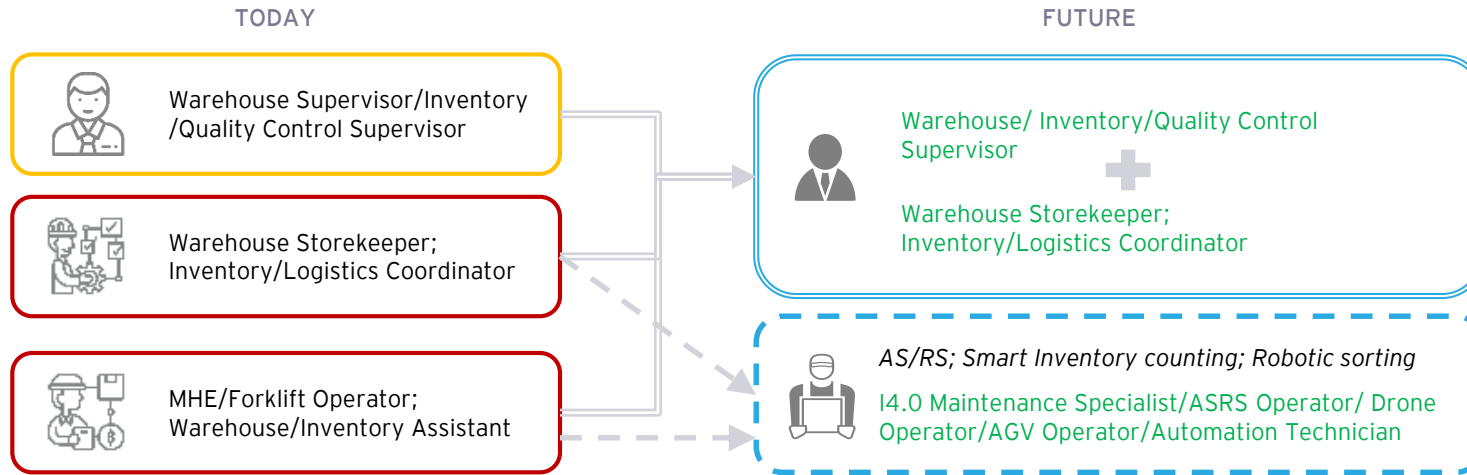
On convergence with the Supervisor role, the job holder will take on higher responsibilities, and need upskilling on:

- Advanced Digital Acumen
- Data Interpretation and Analysis
- Robotic and Automation System Maintenance
- Technology Application
- Technology Troubleshooting
- Threat Intelligence and Detection
- Systems Thinking
- Complex Problem Solving
- Decision Making

Mobility options for displaced workers

- HSE Coordinator
- Project Supervisor
- Lifting Supervisor
- Depot Supervisor / Traffic Supervisor / Dispatch Supervisor / Hub Operations Supervisor
- Incoming Quality Coordinator / Tally Assistant

Safeguarding employment & employability of workers in roles that will undergo displacement or be redesigned



JOB REDESIGN and UPSKILLING/RESKILLING will prepare workers to take on the future job roles

Dashboards for future view of job roles:

- [MHE/Forklift Operator job role](#)
- [Warehouse Storekeeper](#)
- [Warehouse Supervisor](#)

Dashboard for new job role

- [I4.0 Maintenance Specialist job role](#)

Job roles that will undergo displacement	Redeployment opportunities within the logistics sector			Redeployment opportunities outside the logistics sector
	Mobility to newly created job role	Vertical mobility within the same function	Horizontal/diagonal mobility to different job function (top 3)	
MHE/Forklift Operator; Warehouse/Inventory Assistant	<ul style="list-style-type: none"> I4.0 Maintenance Specialist/ASRS Operator/ Drone Operator/AGV Operator/Automation Technician 	<ul style="list-style-type: none"> Warehouse Supervisor / Inventory Control Supervisor / Quality Control Supervisor 	<ul style="list-style-type: none"> Project Supervisor Rigger / Signaller / Lifting Supervisor Dispatch Operator / Transport Operator / Last Mile Delivery Driver / Container Driver 	<ul style="list-style-type: none"> Mobility to similar job functions or job roles requiring similar skills in other sectors
Warehouse Storekeeper; Inventory/ Logistics Coordinator	<ul style="list-style-type: none"> I4.0 Maintenance Specialist/ASRS Operator/ Drone Operator/AGV Operator/Automation Technician 	<ul style="list-style-type: none"> Warehouse Supervisor / Inventory Control Supervisor / Quality Control Supervisor 	<ul style="list-style-type: none"> Health, Safety and Environmental Coordinator Project Supervisor Lifting Supervisor 	