



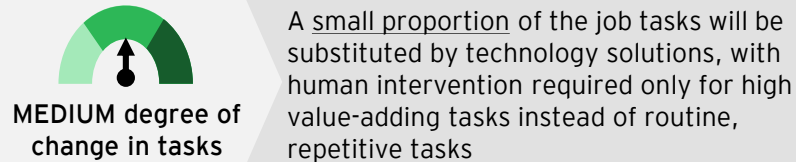


Warehouse Officer / Inventory Controller / Quality Control Officer / Warehouse Facilities Management Officer

Technology solutions impacting this job...

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

Impact assessment...



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

REQUIRE REDESIGN

Today, this job role is responsible for planning and implementing warehouse processes, operations and technology. He/she monitors storage utilisation levels, manages warehouse facilities and reviews operational quality and efficiency of warehouse storage and layout plans.

Job tasks today	Impact at task-level / Future view of job tasks	
Execute warehouse storage and layout plans	M	<ul style="list-style-type: none"> Predictive demand planning will augment traditional warehouse planning processes by predicting unexpected volume spikes for trending products to avoid over-stocking or out-of-stock situations. Sensor data will alert the user to anticipated issues. The focus will shift to remote monitoring of key performance metrics for equipment, systems and facilities.
Plan cargo-handling and delivery operations	M	<ul style="list-style-type: none"> Cognitive automation and data analytics (e.g. customer demands, traffic, weather etc.) will enable anticipatory planning, scheduling and load optimisation for cargo handling and consolidation activities. The job holder will be tasked with providing inputs for configuration of technology solutions with process control parameters including special handling requirements for time-sensitive/ temperature-sensitive/ dangerous/ high-security goods.
Plan continuous improvement activities	M	<ul style="list-style-type: none"> AI and advanced analytics will help job holder conduct "what-if" analyses and scenario testing to evaluate the impact of potential solutions for process improvement. Predictive analytics will be used to synthesise information from multiple sources to model customer and market trends better. This will enable the job holder to propose business requirements and ensure alignment of work products to business priorities.
Propose solutions to improve WSH processes	M	<ul style="list-style-type: none"> While AI and predictive analytics will be used to strengthen risk assessment and analyse safety reports, human judgment is key in deriving mitigating solutions and addressing areas of non-conformance. The job holder will also need to be familiar with evolving safety standards in light of technology evolution to manage compliance.
In the next 3 - 5 years...	There is high potential for this job role to be redesigned to oversee the setup and configuration of industry 4.0 technology solutions . This role will be required to interpret operational warehouse, inventory and cargo handling plans to suggest process control parameters, and ensure that operation of technology solutions is line with expected outcomes.	

Emerging skills

With redesign of this role to use I4.0 technologies for supervision of complex warehousing activities, the job holder will need to gain higher proficiency levels on the following skills:

- Advanced Digital Acumen
- Data Interpretation and Analysis
- Technology Application
- Threat Intelligence and Detection
- Business Advisory
- Systems Thinking
- Complex Problem Solving
- Decision Making