



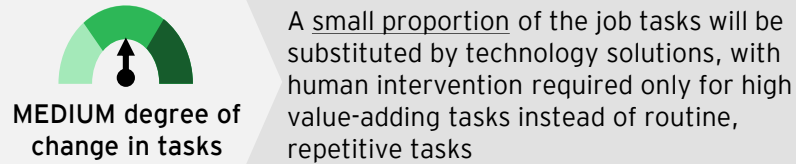


# Health, Safety and Environmental (HSE) Coordinator

## 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 assisting in the identification of any unsafe conditions or unsafe work practices, recommending measures to remedy the unsafe conditions or work practices and assisting in the implementation of mitigation measures.

| Job tasks today   | Impact at task-level / Future view of job tasks |  |
|---|---|--|
| Assess HSE risks, highlight incidents, generate reports         | M   | <ul style="list-style-type: none"> <li>IoT devices will report incidents of deterioration or impending failures of material handling equipment, forklifts etc. and assess potential HSE risks. Use of quality, safety and health monitoring applications will help in generating investigation reports.</li> <li>With more data on safety and health parameters, this job role will be tasked with monitoring sensor data and interpreting trends to suggest WSH solutions.</li> </ul> |
| Perform sustainability activities, monitor environmental impact | M   | <ul style="list-style-type: none"> <li>Sensor-enabled data collection will help to monitor sustainability parameters such as carbon emissions, machine utilisation, energy consumption, and resource usage.</li> <li>The job holder will be tasked with identifying trends and patterns to optimise the environmental impact.</li> </ul>   |
| Perform quality and compliance checks                           | L   | <ul style="list-style-type: none"> <li>With basic quality and compliance checks embedded into automated processes, the focus of audits will shift towards handling exceptions and troubleshooting to ensure compliance. Human intervention remains critical for managing sensitive employment issues such as dispute resolution.</li> </ul>  |
| Communicate with stakeholders, plan resource allocation         | L   | <ul style="list-style-type: none"> <li>Digital platforms will allow easy exchange of information between stakeholders and business units.</li> <li>While data and advanced analytics will help in better resource planning and basic risk assessment, the job role will require human intervention for coordinating workflows and applying SOPs.</li> </ul>  |

**In the next 3 - 5 years...** Industry 4.0 **technology solutions** will **relieve some of the manual tasks** for this job role such as data collection on sustainability parameters, safety and compliance monitoring, documentation and reporting. The focus will shift to analysing data and identifying trends and patterns to improve HSE processes.

## Emerging skills

To be able to analyse data and identify trends and patterns for suggesting improvements to HSE processes, the following skills will become more prominent:

- Augmented Reality Application
- Data Interpretation and Analysis
- Complex Problem Solving
- Compliance Mindset Development
- Lateral Thinking