


Job Dashboard | Production Operator (1/2)


Trends impacting this role			Impact Assessment
Automated Manufacturing	Autonomous Robots	Digitalisation	 MEDIUM degree of change in tasks
Food Packaging & Processing	Internet of Things	Manufacturing Analytics	

Responsibilities of the role **today**

Today, this job role is responsible for handling the equipment within the plant to prepare ingredients, food products, and packaging. The job holder is expected to adhere to food production requirements, food safety parameters, and standard operating procedures (SOPs) to ensure that food products manufactured are free from contaminants and safe for consumption.

Job tasks today	Impact at task-level / Future view of job tasks		Time horizon
Prepare ingredients, containers, and other materials in the correct formats required for food production	M	<ul style="list-style-type: none"> Automated manufacturing and autonomous robots will replace some manual, repetitive tasks while the job holder continues to perform other tasks that require human judgement/intervention Time saved from reduction in manual effort will enable the job holder to perform basic line quality checks and simple troubleshooting of equipment and machines 	<ul style="list-style-type: none"> Short- to Medium-term
Operate and monitor equipment and machinery in food production lines under supervision and in compliance with food production standards	M	<ul style="list-style-type: none"> Automated manufacturing, autonomous robots and digitisation of forms and records will replace some manual, repetitive tasks in food production Manufacturing analytics and other technologies such as Internet of Things enable real-time monitoring of production processes while reducing human errors Time saved from reduction in manual effort will result in an expansion of the job holder's scope to include a wider range of production lines and machinery As food manufacturers adopt new food packaging and processing technologies, job holder will need to be familiar with operating and monitoring a variety of relevant equipment and machinery 	<ul style="list-style-type: none"> Medium-term
Apply safety- and hygiene-related SOPs to food production activities	L	<ul style="list-style-type: none"> The job holder will continue to apply the required food safety, hygiene, and quality standards 	<ul style="list-style-type: none"> Short-term

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Responsibilities of the role **in the future**

In the future, this job role is responsible for operating new or increasingly automated equipment within the plant for food production and is expected to adhere to evolving food production requirements, food safety parameters, and standard operating procedures (SOPs). As a result of reduced manual effort, his/her scope of work may be expanded to operate and monitor equipment across more production lines, and even perform basic quality checks and machine troubleshooting.

Technical Skills (TSC) Required

• Active and Smart Packaging	Level 2	• Food Safety Management	Level 1
• Advanced Processing Technology	Level 2	• Good Manufacturing Practices Implementation	Level 2
• Automated Food Manufacturing System Maintenance	Level 1	• Hazards and Risk Control, and Policy Management	Level 2
• Automated Operation Monitoring	Level 1	• Internet of Things Management	Level 2
• Continuous Process Improvement	Level 1	• Quality System Management	Level 2
• Emergency Response Management	Level 2	• WSH Performance Management	Level 2
• Food Production Management	Level 1		

Critical Core Skills (CCS) Required

• Teamwork	Basic	• Customer Orientation	Basic
• Communication	Basic	• Problem Solving	Basic