PROCESS INDUSTRY MANUFACTURING TECHNICIAN

Level 3 Duration 24 months



INTRODUCTION

This programme trains apprentices to enhance manufacturing processes, improve product quality, and ensure operational efficiency. It equips learners with skills to support seamless process operations. industry operations.



JOB ROLES

- Process operator
- Production technician
- Production operator
- Process manufacturing technician



DELIVERY MODEL

- Average 1 day per week of knowledge delivery - online (for cohorts of 6 or more, this can be delivered in the workplace)
- Assessment in the workplace
- Repeat opportunities to attend knowledge sessions around operational complexities



A PROCESS INDUSTRY MANUFACTURING TECHNICIAN WILL:

- Run and maintain process industry plant and equipment in line with operational parameters.
- Resolve and report, or escalate, process, quality, health and safety, environment, and operating environment issues when operating out of normal parameters.
- Conduct dispatch of intermediate product or final processed product
- Conduct handover responsibilities receiving information from or providing information to other shifts or maintenance teams
- Complete process documentation digital or paper based.
- Conduct first line routine maintenance and testing of process and plant equipment
- Prepare plant for shutdown for example, for maintenance, overall, and decommissioning
- Bring process industry equipment back online



KNOWLEDGE MODULES

- Health, Safety and Environmental Sustainability in Process Manufacturing
- Scientific and Mathematical Principles in Process Manufacturing
- Maintaining Quality Standards in Process Manufacturing
- Problem Solving
 & Continuous
 Improvement
 in Process
 Manufacturing
- Information & Digital Technology

Additional Modules*

- Steam generation and distribution in process industries
- Drying
- Mixing & blending of solids and fluids
- Principles of Process Control & fault diagnosis
- Crustallisation
- Distillation
- C&G L3 inOccupational H&S

* Additional modules will be chargeable

