

# DIPLOMA IN UNDERSTANDING PROCESS INDUSTRY MANUFACTURING

Level 3      Duration **24 months**

## INTRODUCTION

Built on our industry-designed apprenticeship content, this qualification offers the same high-quality training in an even more flexible format. Ideal for individuals who work with minimal supervision in process-driven environments, including those involving high-hazard inputs to produce specification-compliant products. It also serves as an ideal progression from the Level 2 Fundamental Process Industry Manufacturing qualification.

## JOB ROLES

- Process manufacturing technicians
- Production process technician
- Process support technician

## DELIVERY MODEL

- ½ day per week knowledge delivery - online
- flexible models available on request

## KNOWLEDGE MODULES

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|--|---|--|---|
| <ul style="list-style-type: none"> <li>• Principles of Health, Safety and Environment</li> </ul>                 | <ul style="list-style-type: none"> <li>• Principles and processes of separation and mixing in the process industry</li> </ul> | <ul style="list-style-type: none"> <li>• Fault diagnosis and continuous improvement techniques in process industry operations</li> </ul> | <ul style="list-style-type: none"> <li>• Applied chemical, mathematical and physical principles in process manufacturing</li> </ul>                     |
| <ul style="list-style-type: none"> <li>• Work effectively both individually and as part of a team</li> </ul>     | <ul style="list-style-type: none"> <li>• Water utilisation and purification in process industry manufacturing</li> </ul>      | <ul style="list-style-type: none"> <li>• Maintaining quality and control in process manufacturing</li> </ul>                             | <ul style="list-style-type: none"> <li>• Working in accordance with health, safety and environmental best practices in process manufacturing</li> </ul> |
| <ul style="list-style-type: none"> <li>• Process Industry Manufacturing Operations</li> </ul>                    | <ul style="list-style-type: none"> <li>• Heat transfer and fluid flow in process industry manufacturing</li> </ul>            | <ul style="list-style-type: none"> <li>• Information technology and data security in process industry operations</li> </ul>              |   |
| <ul style="list-style-type: none"> <li>• Science and Mathematical principles in process manufacturing</li> </ul> |   |  |   |