



# Industrial Applications - Performing Manufacturing Operations – Level 2

## Apprenticeship Learning Programme

**Organisation Responsible:** SEMTA – The Sector Skills Council for Science, Engineering and Manufacturing Technologies

### Apprenticeship framework requirements:

<b>NVQ:</b> <i>Awarding Body: EAL (Engineering Awards Ltd)</i>	Performing Manufacturing Operations Level 2
<b>Key Skills</b> <i>Awarding body: EAL (Engineering Awards Ltd)</i>	Application of Number Level 1 Communication Level 1
<b>Employment Responsibilities and Rights:</b>	ERR is covered in a combination of the NVQ and Induction.

**Certification:** On completion of the above programme the Learner will receive a nationally recognised Certificate for each of the above disciplines.

### Apprenticeship:

Apprenticeships are nationally designed training programmes for those who have already left full time education or are already in employment. They provide a combination of on and off-the-job training whilst being paid.

They are intended to provide an integrated programme of learning leading to the acquisition and application of the skills, knowledge and understanding required by employers.

The completion of an Apprenticeship framework shows both current and potential employers that the holder has achieved competence in the skills covered by the Apprenticeship, has demonstrated the knowledge required by the Apprenticeship and has attained the level of transferable skills required by all Apprenticeships.

### NVQ:

National Vocational Qualifications (NVQ's) are qualifications that reflect the skills, knowledge and understanding of individuals 'specific areas of work' – in this case Performing Manufacturing Operations. They are expressed in terms of competences and are assessed in the workplace.

This N/SVQ is suitable for those seeking recognition of their competence in one or more of a wide variety of activities and offers maximum flexibility to meet the needs of workers engaged in performing manufacturing operations. NVQs are based on national industry standards. They



recognise that candidates who have demonstrated their ability to reach the standard have the skill and associated knowledge to work safely and competently at the appropriate level in their chosen area. To achieve the NVQ you will complete the mandatory unit and select, with the help of your assessor, one from Group A, three from the Supporting the Operation Group and one from the Job Specific Group.

### **Mandatory Unit**

PMO2 / 001 - Complying with Statutory Regulations and Organisational Safety Requirements

### **Group A**

PMO2 / 002 - Promoting Effective Working Relationships

PMO2 / 021 - Contributing to Effective Team Working

### **Supporting the Operation Group**

PMO2 / 003 - Transferring Materials

PMO2 / 004 - Preparing for Manufacturing Operations

PMO2 / 005 \* - Concluding Manufacturing Operations

PMO2 / 006 \* - Ensuring Effective Handover of Manufacturing Operations

PMO2 / 007 - Receiving and Checking Incoming Materials

PMO2 / 018 - Controlling Manufacturing Operations

PMO2 / 019 - Contributing to Improving Effectiveness in the Workplace

PMO2 / 020 - Analysing the Results of Inspection and Confirming Quality of Production

PMO2 / 023 - Recording and Reporting Inspection and Test Results

*\* Please Note: You may only chose PMO2/005 OR PMO2/006, it is not permissible to choose both.*

### **Job Specific Group**

PMO2 / 003 \* - Transferring Materials

PMO2 / 008 - Producing Shaped Products

PMO2 / 009 - Producing Products by Assembly Operations

PMO2 / 010 - Producing Joined Products

PMO2 / 011 - Producing Products by Processing

PMO2 / 012 - Producing Formed Products

PMO2 / 013 - Finishing Products

PMO2 / 014 - Producing Moulded Products

PMO2 / 015 - Producing Packaged Products

PMO2 / 016 - Making Products Using Computer Controlled Equipment

PMO2 / 017 - Manufacturing Products Using Combined Manufacturing Operations

PMO2 / 020\* - Analysing the Results of Inspection and Confirming Quality of Production

PMO2 / 022 - Carrying out Inspection and Testing Activities

*\* Please Note: If PMO2/003 or PMO2/020 have already been chosen as a "Supporting the Operation" route, it may NOT be chosen again.*

## **Key Skills:**

### **Mandatory**

Communication Level 1

Application of Number Level 1

### **Optional (not required for the framework but will give additional certificates)**

Working with Others Level 2

Improving own Learning and Performance Level 2

Problem Solving Level 2

## **Employment Rights and Responsibilities**

The ERR is covered during the course of the induction and NVQ. This aims for the learner to develop knowledge and understanding about the world of employment. This includes the rights and responsibilities of workers, the role of their organisation within the wider industry and the effect of public law and policy on industry.

