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| **Core Skills Signposting** |  |
| **Sector** | **Scientific, Technical and Formulation Processing** |
| **Qualification Title(s)** | **SVQ Scientific, Technical and Formulation Processing at SCQF Level 5** |
| **Developed by** | **SEMTA** |
| **Approved by ACG** | 14 February 2018 |
| **Version** | 1 |

## Introduction

Core Skills signposting indicates if there are opportunities within units to develop Core Skills in the workplace to a specified SCQF level. The signposting document should also acknowledge where there are no opportunities to develop Core Skills. This signposting can be used by providers and assessors to plan the development and assessment of Core Skills.

The five Core Skills are:

 Communication

 Information and Communication Technology

 Numeracy

 Problem Solving

 Working with Others

\*SSO may insert additional introductory text to contextualise the core skills signposting to their sector\*

## Core Skills Signposting at SCQF Level 5

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Qualification or Suite Title : SVQ Scientific, Technical and Formulation Processing at SCQF Level 5** | | | | | | |
| **URN** | **Unit title** | **Communication** | **ICT** | **Numeracy** | **Problem Solving** | **Working with Others** |
| SEMLATA  2-01 | Follow health and safety procedures for scientific or technical activities | √ |  |  |  |  |
| SEMBIT  202 | Contributing to effective team working | √ |  |  |  | √ |
| SEMBIT210 | Contributing to the application of problem solving techniques | √ |  |  | √ | √ |
| COGPIO2.10 | Clean and prepare complex items of plant and equipment for production in processing industries operations | √ |  |  | √ |  |
| COGPIO2.6 | Control, monitor and adjust the processing operation in processing industries operations | √ |  | √ | √ |  |
| COGPIO2.9 | Separate and dispose of processing materials, byproducts and wastes in processing industries operations | √ |  |  | √ |  |
|  |  |  |  |  |  |  |
| COGWT17 | Dose chemicals to water systems | √ |  |  | √ |  |
| COGWT1 | Adjust dosing and control equipment | √ |  |  | √ |  |
| COGPIO2.16 | Maintain the condition of engineering assets in processing industries operations | √ |  |  | √ |  |
|  |  |  |  |  |  |  |
| SEMMAN23-02 Unit 2 | Using and interpreting engineering data and documentation | √ | √ | √ |  |  |
| SEMPMO206 | Ensuring effective handover of manufacturing operations | √ |  |  |  | √ |
| SEMPMO217 | Manufacturing products using combined manufacturing operations | √ |  |  | √ | √ |
| SEMEMI204 | Handing over and confirming completion of maintenance or installation | √ |  |  |  | √ |
| SEMMME230 | Assembling pipework components to mechanical equipment | √ |  | √ | √ |  |
| SEMPEO239 | Maintaining and testing process instrumentation and control devices | √ |  | √ | √ | √ |
| SEMBIT204 | Contributing to the application of continuous improvement techniques (Kaizen) | √ | √ | √ | √ | √ |
| SEMPEO2-64 | Conducting business improvement activities | √ |  | √ | √ | √ |
|  |  |  |  |  |  |  |
| COGPIO1.8 | Work in aseptic or clean room conditions in processing industries operations | √ |  |  | √ |  |
| SEMPMO223 | Recording and reporting inspection and test results | √ |  |  |  |  |
| COGLATA212 | Carry out simple scientific or technical tests using manual equipment | √ |  |  | √ |  |
| COGLATA 2-13 | Carry out simple scientific or technical tests using automated equipment | √ |  |  | √ |  |
| COGLATA  2-06 | Prepare compounds and solutions for scientific or technical use | √ |  | √ |  |  |
| COGWT32 | Sample from water systems | √ |  |  | √ |  |
| COGLATA  2-16 | Following aseptic procedures in the laboratory environment | √ |  |  |  |  |

Footer – all numbers refer to SCQF level 5 – any blanks indicate no opportunity