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| **Core Skills Signposting** |  |
| **Sector** | Engineering |
| **Qualification Title(s)** | **SVQ Boat Building and Repair at SCQF Level 6** |
| **Developed by** | **Semta** |
| **Approved by ACG** | 6 December 2017 |
| **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

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| Qualification or Suite Title : **SVQ Boat Building & Repair SCQF level 6** |
| URN | Unit title | CommunicationSCQF Level 5 | ICTSCQF Level 5 | NumeracySCQF Level 5 | Problem SolvingSCQF Level 5 | Working with OthersSCQF Level 5 |
| SEMMAN123-01Unit 1 | Complying with Statutory Regulations and Organisational Safety Requirements  | √ |  |  |  |  |
| SEMMAN23-02Unit 2 | Using and Interpreting Engineering Data and Documentation  | √ | √ | √ |  |  |
| SEMMAN3-03Unit 3 | Working Efficiently and Effectively in Engineering  | √ |  |  |  |  |
| SEMME3025Unit 25 | Slinging, Lifting and Moving Materials, Machinery and Components in a Marine Environment  | √ |  |  |  | √ |
| SEMME3050Unit 50 | Assembling Fabricated Components to Produce Marine Sub-Assemblies  | √ |  | √ | √ | √ |
| SEMME3051Unit 51 | Cutting and Shaping Materials using Portable Thermal Cutting Equipment  | √ |  | √ | √ | √ |
| SEMME3052Unit 52 | Assembling Sub-Assemblies and Componentsto Produce Major Marine Structural Assemblies  | √ |  | √ | √ | √ |
| SEMME3054Unit 54 | Cutting Materials using Hand and Machine Tools  | √ |  | √ | √ | √ |
| SEMME3062Unit 62 | Outfitting Marine Steelwork  | √ |  | √ | √ | √ |
| SEMME3063Unit 63 | Tack Welding Marine Plate using a Manual/Semi-Automatic Welding Process  | √ |  | √ | √ | √ |
| SEMME3067Unit 67 | Installing Marine Propulsion Systems and Equipment  | √ |  | √ |  |  |
| SEMME3070Unit 70 | Installing Marine Hydraulic Systems and Equipment  | √ |  | √ |  |  |
| SEMME3075 Unit 75 | Installing marine lifting equipment | √ |  | √ |  |  |
| SEMME3076 Unit 76 | Installing Marine Ancillary Plant and Equipment  | √ |  | √ |  |  |
| SEMME3135Unit 135 | Producing Marine Wooden Components using Hand Tools  | √ |  | √ | √ | √ |
| SEMME3136Unit 136 | Producing Marine Wooden Components using Machines  | √ |  | √ | √ | √ |
| SEMME3138Unit 138 | Installing Marine Wooden Components  | √ |  | √ |  |  |
| SEMME3146 Unit 146 | Producing marine composite assemblies | √ |  | √ | √ | √ |
| SEMME3148 Unit 148 | Installing marine composite components | √ |  | √ |  |  |
| SEMME3150 Unit 150 | Repairing marine composite components and assemblies | √ |  | √ | √ | √ |
| SEMME3 151 Unit 151 | Identifying defects in marine composite components and assemblies | √ |  | √ | √ | √ |
| SEMME3181Unit 181 | Preparing Marine Material Surfaces using Hand and Mechanical Tools  | √ |  | √ | √ | √ |
| SEMME3182Unit 182 | Preparing Marine Coating Materials for Application  | √ |  | √ | √ | √ |
| SEMME3189 Unit 189 | Applying deck screeds and other deck coverings | √ |  | √ | √ | √ |
| SEMME3203 Unit 203 | Installing Electrical Equipment in Yachts and Boats  | √ |  | √ |  |  |
| SEMME3207 Unit 207 | Installing ancillary systems and equipment in yachts and boats | √ |  | √ |  |  |
| SEMME3208 Unit 208 | Installing domestic systems and equipment in yachts and boats | √ |  | √ |  |  |
| SEMME3214 Unit 214 | Servicing ancillary systems and equipment in yachts and boats | √ |  | √ | √ | √ |
| SEMME3216 Unit 216 | Repairing yacht and boat wooden components and assemblies | √ |  |  | √ |  |
| SEMME3217 Unit217 | Repairing yacht and boat composite components | √ |  |  | √ |  |
| SEMME3224 Unit 224 | Finishing yacht and boat wooden furniture/outfitting units by applying surface finishes | √ |  | √ | √ | √ |
| SEMME3 228Unit 228 | Lining off for assembly and erection of yacht and boat wooden components | √ |  |  | √ | √ |
| SEMME3 229Unit 239 | Producing/finishing wooden structural components for yachts and boats using hand tools | √ |  | √ | √ | √ |
| SEMME3 230Unit 230 | Producing wooden structural components for yachts and boats using machines | √ |  | √ | √ | √ |
| SEMME3 232Unit 232 | Preparing yacht and boat surfaces for coating/finishing using hand and mechanical tools | √ |  |  | √ | √ |
| SEMME3234 Unit 234 | Applying surface coatings manually to yachts and boats | √ |  | √ | √ | √ |
| SEMME3235 Unit 235 | Applying surface coatings to yachts and boats using spray methods | √ |  | √ | √ | √ |
| SEMME3237 Unit 237 | Applying fairing/filling compounds to yachts and boats | √ |  | √ | √ | √ |
| SEMFWE304 | Welding Materials by the Manual Metal Arc Process  | √ |  | √ | √ | √ |
| SEMFWE305 | Welding Materials by the Semi-automatic MIG/MAG and flux cored arc Processes | √ |  | √ | √ | √ |
| SEMFWE322 | Marking Out Components for Metalwork  | √ |  | √ | √ | √ |
| SEMFWE332 | Cutting Plate and Sections using Shearing Machines  | √ |  | √ | √ | √ |
| SEMFWE334 | Cutting Materials using Saws and Abrasive Discs  | √ |  | √ | √ | √ |
| SEMFWE335 | Bending and Forming Plate using Press Brakes or Bending Machines  | √ |  | √ | √ | √ |
| SEMFWE344 | Forming Pipework by Machine Bending  | √ |  | √ | √ | √ |
| SEMFWE345 | Producing Pipe Fabrications  | √ |  | √ | √ | √ |

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