

# **Recommended Qualification Structure for Refractory Installations (Construction) Level 2**

This structure has been recommended by employers and stakeholders from the above occupational area for organisations to form the basis of academic capability and competence outcomes. Qualifications with a competence outcome at the above level must have units derived from the following National Occupational Standards (NOS) and consist of the mandatory groups as stated for the individual option route.

## **MANDATORY (all option routes)**

- VR135 v2 Prepare backgrounds for refractory installations
- VR641 v2 Conform to general workplace health, safety and welfare
- VR642 v1 Conform to productive work practices
- VR643 v1 Move, handle or store resources

## **PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES**

### **Refractory Brickwork and Blockwork Option Route (Total 5)**

#### **Mandatory**

- VR136 v2 Install and repair refractory brickwork and blockwork

### **Monolithic Option Route (Total 7)**

#### **Mandatory**

- VR137 v2 Install and repair mouldable refractory materials
- VR138 v2 Install and repair castable refractory materials
- VR139 v2 Install gunned refractory materials

### **Ceramic Fibre Option Route (Total 5)**

#### **Mandatory**

- VR140 v2 Install ceramic fibre

### **Additional for all routes (not compulsory)**

- VR402 v2 Slinging and signalling the movement of suspended loads

## Unit endorsements for Refractory Installations Level 2

Where industry requests; qualifications can be endorsed to show an option route and the type of resources and/or activities that relate to the unit. Listed below are the endorsements that can apply for units derived from the following NOS.

NOS	Endorsement
VR135	One of the following endorsements required New backgrounds Existing backgrounds Plus at least one of the following endorsements Mouldable/castable Spray concrete Brickwork and blockwork Ceramic fibre
VR139	Two of the following endorsements required Pre wet surfaces for spraying Spray concrete to profile Produce samples for testing Cure and protect concrete Record and report on test Record and report on spraying Clean pump Clear lines
VR402	Slinger Signaller 'Occupation specific' only (own area of work: i.e. Refractory installations)

**Note:** Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from the Standards Setting Body to ensure the endorsement is appropriate to the unit.