

Recommended Qualification Structure for Heritage Skills (Construction) Level 3

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/optional groups as stated for the individual option route.

MANDATORY (all option routes)

- VR209 v2 Confirm work activities and resources for the work
- VR210 v3 Develop and maintain good working relationships
- VR211 v2 Confirm the occupational method of work
- VR546 v1 Working on conservation and restoration projects
- VR641 v2 Conform to general workplace health, safety and welfare

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

Masonry, Brickwork or Earthen Structures Occupations Option Route Mandatory

- VR547 v1 Conserve or restore stonemasonry, brickwork or earthen structures
- VR548 v1 Prepare and mix lime mortars

Plus one of the following occupational groups

Mason group (Total 9)

Mandatory

- VR201 v4 Set out complex stonemasonry structures
- VR202 v4 Erect complex stonemasonry structures

Brick Worker group (Total 9)

Mandatory

- VR48 v3 Set out complex masonry structures
- VR49 v3 Erect complex masonry structures

Earth Builder group (Total 8)

Mandatory

- VR549 v2 Prepare and erect or conserve and restore earthen structures

Additional for the Earth Building Group option (not compulsory)

- VR556 v3 Produce plaster and render finishes on conservation or restoration projects or earthen structures
- VR557 v3 Conserve, restore or repair solid plaster or render surfaces
- VR767 v1 Prepare and mix earth plasters and earth renders

Finisher group (Total 8)

Mandatory

- VR550 v1 Select, prepare and apply surface finishing to structures

Dry Stone group (Total 8)

Mandatory

- VR567 v1 Build dry stone structures

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Decorative Occupations Option Route (Total 8)

Mandatory

VR551 v1 Prepare and paint surfaces on conservation or restoration projects

Plus optional (two from the following)

VR342 v3 Produce and apply complex stencil designs

VR343 v2 Hang wallcoverings to complex surfaces

VR346 v2 Hang wallcoverings (specialised papers)

VR348 v3 Apply metal leaf to surfaces

VR552 v1 Carry out free brush work

VR650 v1 Produce straight grained effects

VR652 v1 Produce marbling effects

Wood Occupations Option Route (Total 8)

Mandatory

VR553 v1 Conserve or restore timber-based products

Plus optional (two from the following)

VR30 v2 Set out structural timber framework

VR554 v1 Conserve or restore heavy timber framework

VR632 v2 Manufacture bespoke products

VR634 v2 Produce setting out details for bespoke products

Wall and Floor Tiling Occupations Option Route (Total 7)

Mandatory

VR141 v3 Prepare backgrounds for tiling

VR555 v1 Conserve, restore or maintain wall and floor tiling

Plastering Occupations Option Route

One of the following occupational groups required

Solid Plastering group (Total 8)

Mandatory

VR548 v1 Prepare and mix lime mortars

VR556 v3 Produce plaster and render finishes on conservation or restoration projects or earthen structures

VR557 v3 Conserve, restore or repair solid plaster or render surfaces

Or

Fibrous Plastering group (Total 8)

Mandatory

VR558 v2 Conserve, restore or repair fibrous plasterwork

VR559 v2 Produce fibrous plasterwork on conservation or restoration projects

VR560 v2 Install fibrous plaster on conservation or restoration projects

Additional for Plastering Occupations option (not compulsory)

VR767 v1 Prepare and mix earth plasters and earth renders

Continued...

Roof Slating and Tiling Occupations Option Route (Total 10)

Mandatory

- VR500 v2 Re-lay heritage roof coverings
- VR501 v2 Replace heritage roof coverings
- VR502 v2 Repair and maintain heritage roof coverings

Plus optional (two from the following)

- VR275 v2 Install plain tile roof coverings
- VR276 v2 Install regular sized natural roof slate to standard roof details
- VR278 v2 Install natural roof slate to mitred and vertical roof details
- VR279 v2 Install random natural roof slates with diminishing margins
- VR282 v2 Install single-lap roof tiles to a fixed gauge
- VR286 v2 Install double-lap roof tiles to curved and swept roof details
- VR287 v2 Fabricate and install weathering leadwork to roofs
- VR288 v2 Install natural roof slates to curved and swept roof details

Heritage Metalwork Option Route (Total 9)

Mandatory

- VR621 v1 Repair, restore, conserve, replace or maintain forged heritage metalwork
- VR622 v1 Clean, prepare and protect heritage metalwork

Plus optional (two from the following)

- VR623 v1 Heat, weld or solder heritage metalwork
- VR624 v1 Thermal cutting metal for heritage work
- VR625 v1 Dismantle and fix heritage metalwork

Fully Supported Lead and Hard Metal Roofing and Cladding Option Route (Total 9)

Mandatory

- VR327 v2 Install fully supported lead and hard metal roofing, cladding and weatherings
- VR328 v2 Repair and maintain fully supported lead and hard metal roofing, cladding and weatherings
- VR329 v2 Produce lead and hard metal ornamental features
- VR687 v2 Prepare and install fully supported lead and hard metal decorative roofing and cladding

Thatching Option Route (Total 10)

Mandatory

- VR116 v2 Prepare roof structures for thatching
- VR117 v2 Prepare thatching materials
- VR118 v2 Thatch roof structures
- VR119 v2 Thatch roof structures with specialist features
- VR250 v2 Erect and dismantle access/working platforms

Additional for Thatching option (not compulsory)

- VR298 v2 Install solar collectors to roofs

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Façade Preservation Option Route (Total 7)

Mandatory

VR152 v2 Clean façade surfaces

VR153 v2 Restore façade surfaces

Simulation Information from 01/01/2015

Evidence for competence qualifications and units derived from the following National Occupational Standards (NOS) must be work-based. Simulation is only allowed for the additional information items as detailed below. For a competence outcome, simulation must be conducted in accordance with the Construction Consolidated Assessment Strategy.

Nos No Suite	Whereabouts in NOS	Occupational Suite	Level
VR49	Additional information items 9.1 or 9.2 of Performance Criteria 5 and must only form one of the three items required	Heritage Skills	L3

Unit endorsements for Heritage Skills Level 3

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
VR48	At least one of the following: Curved Splayed Angled
VR49	Brick and block or Local material Plus at least three of the following: Arches Chimney stacks or fireplaces Walls with flush, projecting or decorative features Walls curved on plan Walls splayed on plan
VR117	At least two of the following: Cereal straw Water reed Sedge grass Heather Marram Bent Bracken Rush Flax Turf Alternative specialist materials Spars, sways, liggers
VR118	At least one of the following: Long straw variants (cereal straw) Combed wheat reed (cereal straw) Water reed Sedge grass Heather Marram Bent Bracken Rush Flax Turf Alternative specialist materials
VR119	At least one of the following: Long straw variants (cereal straw) Combed wheat reed (cereal straw) Water reed Sedge grass Heather Marram Bent Bracken Rush Flax Turf Alternative specialist materials

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NOS	Endorsement
VR152	At least one of the following: Masonry and/or Non-masonry
VR250	Own area of work (i.e. Thatching) Plus at least two or more of the following: Ladders/crawler boards Step ladders/platform steps Proprietary towers Trestle platforms Mobile scaffold towers Proprietary staging/podiums
VR275	At least one of the following: New materials and/or Reclaimed materials
VR276	At least one of the following: New materials and/or Reclaimed materials
VR278	At least one of the following: New materials and/or Reclaimed materials
VR279	At least one of the following: New materials and/or Reclaimed materials
VR282	At least one of the following: New materials and/or Reclaimed materials
VR286	At least one of the following: New materials and/or Reclaimed materials
VR288	At least one of the following: New materials and/or Reclaimed materials
VR298	At least one of the following: New materials and/or Reclaimed materials
VR327	At least one of the following: Lead or Hard metal
VR328	At least one of the following: Lead or Hard metal
VR329	At least one of the following: Lead and/or Hard metal
VR342	At least one of the following: Linear run work and/or Full wall work
VR343	Three of the following endorsements required: Sloping ceiling Free-standing column Free-standing pillar Stairwell Ceiling (above average span) Alcove Niche Arch Wall with internal and external angles

NOS	Endorsement
VR500	At least three of the following: Single-lap clay tiles Clay plain tiles Peg tiles Stone slates Regular sized natural slates Random length and width natural slates Flashings Related fittings and components
VR501	At least two of the following: Vernacular and roofing styles specific to geographical areas Places of religious worship Stately homes Public buildings Historic buildings Castles and/or fortified buildings Conservation areas Listed buildings
VR502	At least two of the following: Vernacular and roofing styles specific to geographical areas Places of religious worship Stately homes Public buildings Historic buildings Castles and/or fortified buildings Conservation areas Listed buildings
VR546	At least one of the following: Roofing Lead work Brickwork Earthen structure Stonemasonry Decoration Plastering Wall and floor tiling Carpentry and joinery Iron/metal work Thatching
VR547	At least one of the following: Brickwork and/or Stone and/or Earth
VR551	At least one of the following: Painted interiors and/or Painted exteriors
VR556	At least one of the following: Internal plaster and/or External render
VR557	At least one of the following: Internal plaster and/or External render

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NOS	Endorsement
VR567	At least one of the following: Freestanding wall Retaining wall Curved wall Cheek end Plus at least three of the following: Openings Arch Round end Round corner Right-angle corner Shelter Stile Steps/staircases Round pillars Square pillars Walls up sloping ground Walls over 1.8m high
VR622	At least three of the following: Flame clean Wire brush by hand or machine Abrade by hand or machine Blast system Chemical cleaning system Fettling Degreasing Plus at least two of the following: Coatings by hand Coatings by machine Polishing Gilding
VR623	At least two of the following: Free components (thermal shock) Heat treat Reduce or remove rust Adjust (localised/spot) Plus at least two of the following: Oxygen and fuel gas Manual metal arc Metal inert gas shielded or metal active gas shielded Tungsten inert gas shielded Plus at least three of the following: Flat Vertical/horizontal Vertical Overhead
VR624	At least one of the following: Oxygen and fuel gas Plasma arc
VR625	At least three of the following: Mechanical (fixed and moveable) Chemical fixing (mortars, concrete, adhesives) Stitched Leaded Caulked
VR687	At least one of the following: Lead or Hard metal

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.