

Skills Test Criteria – Roofing Occupations (STRO1)
SQA Unit Code HN34 04

This should be the final Unit delivered within the SVQ.

We do not expect this test to run more than 12 hours on consecutive days and work should be planned accordingly.

The following criteria describe the standard/tolerances the candidate must meet in relation to each of the different skill elements.

The pass mark for the overall test should be 70%, if a candidate doesn't achieve this the whole test should be considered as a fail.

Slates	Slates at valley liner – securely fixed 50mm ± 5mm over outer edges
	Cut slates to valley – straight within 5mm
	No nails in valley liner
	Overhang at eaves 50mm ± 5mm
	All slates laid to half-bond ±5mm (including under eaves courses)
	All full slates holed 25mm down and nailed once at the head
	Topper, verge and valley slates double nailed – minimum 100mm between fixing points to avoid swing
	Slates correctly graded from eaves to ridge – thick, med, thin and even throughout, correct ± 3mm
	Overhang at verge 50mm (even at top and bottom ± 3mm)
	Minimum headlap 75mm + 25mm
	Horizontal courses tails struck and straight within 5mm
Valley Liner	Securely fixed with leading edge cut in line with tiles and slates +/- 5mm at the eaves
Tiles	Eaves course 50mm over fascia +/- 5mm (measured at 90° to fascia)
	Top edges tiled to dry ridge instructions
	Gauges (margins) even throughout +/- 5mm
	Minimum headlap of 75mm maintained
	Dry ridge system securely fixed to manufacturer's instructions, minimum 3 whole tiles, (including any special fittings)
	Valley cuts are securely fixed and bedded, are straight within 5mm, neatly pointed with minimal trowel marks
Hip	Hip iron securely fixed with leading edge in line with tiles +/- 5mm at the eaves
	First hip tile bedded solid at end and cut to line of eaves within 5mm
	Line of hip is straight and central within 6mm

	Bedding cut back and pointed cleanly with no mortar staining
	Minimum $\frac{3}{4}$ ridge tile at mitre and maximum 25mm between mitre joints

Underlay	Overhang at eaves 50mm +/- 5mm
	Horizontal laps 100mm +/- 5mm
	Top edge 50mm +/- 5mm down from ridgeline or as per dry ridge instructions
	Minimum 600mm strip down valley (300mm each side) with leading edge cut 50mm over fascia +/- 5mm
	No visible punctures or tears
Battening & Counter Battens	Counter battens securely fixed in full lengths and correctly located over rafters
	All battens securely fixed to gauge within 3mm and cut to rake at hip and valley
Drycast Cement Work	Free from sagging
	Uniform with no misses
	Bell Cast correctly formed
Base	Free from hollows
	Free from score marks
	Keying uniform and suitably bonded