

LEVEL 3 NVQ & TQT STRUCTURE FOR INSULATION AND BUILDING TREATMENTS (CONSTRUCTION)

Version 1 of the combined NVQ and TQT structure October 2020

Guided Learning Hours eg contact time or supervised learning with a mentor/tutor/supervisor including onsite or in a classroom.
Assessment – The average hours it would take to assess the candidate's competence in the particular function – this can contribute to guided learning, but this has been kept separate in building the qualification value
Other Learning – eg Learners own study/research, practice of skills, compilation of portfolio of work evidence
Duplicated Learning – units are derived from National Occupational Standards. When the units are combined for the occupational NVQ, elements of learning in one occupational unit are repeated in others. Hence there is a degree of duplication. The organisations involved in determining TQT also agree the amount of time in each occupational unit that is duplicated. For this NVQ, these elements are considered to represent 40 hours. This needs to be included for TQT once for the occupational units, so where there are two occupational units (excluding core units 641, 642, 643, 209, 210, 211, 817 AND for this TQT ICS B2) 1 x 40 hours would be deducted similarly where there are three occupational units (excluding core mandatory units 641, 642, 643, 209, 210 and 211), there would be a deduction of 2 x 40 hours = 80

Nb: as qualifications are currently still built on units, which individually state guided learning hours, which has in the past excluded assessment, the values are shown separately
Nb: previous/older forms reflect Ofqual TQT guidance from March 2015 'After the QCF', where qualifications had to have Guided Learning, Directed Learning and Invigilated Assessment assigned as components of TQT

PATHWAY 1 – LEVEL 3 NVQ IN ROOM IN ROOF

MINIMUM TQT FOR THIS PATHWAY = 1150

MINIMUM OF 9 UNITS REQU

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Plus additional mandatory - TWO units required								
644v3	Installing internal insulation to walls in the workplace	100	10	110	220	3	M	N
645v3	Installing insulation to framed sections of buildings in the workplace	110	10	100	220	3	M	N
819v1	Injecting, blowing or spraying insulation to framed sections of buildings in the workplace	120	10	110	240	3	M	Y
*Plus optional units - ONE from Group A and ONE from Group B required								
Group A								
451v4	Installing insulation to cold roofs in the workplace	90	10	90	190	2	O	Y
813v1	Installing blown insulation to cold roofs in the workplace	90	10	90	190	2	O	N
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	O	N
Group B								

748v2	Installing insulation to create warm roofs in the workplace	90	10	90	190	3	O	Y
812v1	Spraying insulation to create warm roofs in the workplace	110	10	70	190	3	O	N
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	O	N
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
Duplicated learning					-40			
Sub - Totals		534	90	566				
Totals		624		566				
Total TQT minus Duplicated Learning			1150					

* ICS B2 cannot be duplicated

PATHWAY 2 – LEVEL 3 NVQ IN PARK HOMES
MINIMUM TQT FOR THIS PATHWAY = 1170
MINIMUM OF 9 UNITS REQU

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
448v4	Installing external wall insulation in the workplace	110	15	125	250	3	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
816v1	Park homes insulation	110	20	120	250	3	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Plus additional mandatory - ONE unit required								
749v2	Installing insulation to suspended floors in the workplace	90	10	90	190	2	M	N
818v1	Spraying insulation to suspended floors in the workplace	100	10	90	200	2	M	N
Plus optional units - ONE unit required								
451v4	Installing insulation to cold roofs in the workplace	90	10	90	190	2	O	Y
813v1	Installing blown insulation to cold roofs in the workplace	90	10	90	190	2	O	N
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	O	N
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
Duplicated learning					-80			
Sub - Totals		544	105	601				
Totals		649		601				
Total TQT minus Duplicated Learning			1170					

PATHWAY 3 – LEVEL 3 NVQ IN HYBRID WALL
MINIMUM TQT FOR THIS PATHWAY = 930
MINIMUM OF 7 UNITS REQU

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
448v4	Installing external wall insulation in the workplace	110	15	125	250	3	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N

817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Plus additional mandatory - ONE unit required								
644v3	Installing internal insulation to walls in the workplace	100	10	110	220	3	M	N
815v1	Injecting, blowing and spraying insulation to internal walls in the workplace	100	10	110	220	3	M	Y
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
449v4	Applying surface finishes to external wall insulation in the workplace	75	10	130	215	3	A	Y
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					-40			
Sub - Totals		404	75	491				
Totals		479		491				
Total TQT minus Duplicated Learning			930					

PATHWAY 4 – LEVEL 3 NVQ IN INSULATING FRAMED SECTIONS OF BUILDINGS **MINIMUM TQT FOR THIS PATHWAY = 720** **MINIMUM OF 6 UNITS REQUIRED**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Plus additional mandatory - ONE unit required								
645v3	Installing insulation to framed sections of buildings in the workplace	110	10	100	220	3	M	N
819v1	Injecting, blowing or spraying insulation to framed sections of buildings in the workplace	120	10	110	240	3	M	Y
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		304	60	356				
Totals		364		356				
Total TQT minus Duplicated Learning			720					

PATHWAY 5 – LEVEL 3 NVQ IN EXTERNAL WALL INSULATION BOARDER

MINIMUM TQT FOR THIS PATHWAY = 700

MINIMUM OF 6 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
448v4	Installing external wall insulation in the workplace	110	15	125	250	3	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		304	65	381				
Totals		369		381				
Total TQT minus Duplicated Learning				750				

PATHWAY 6 – LEVEL 3 NVQ IN EXTERNAL WALL INSULATION FINISHER
MINIMUM TQT FOR THIS PATHWAY = 715
MINIMUM OF 6 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
449v4	Applying surface finishes to external wall insulation in the workplace	75	10	130	215	3	M	Y
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		269	60	386				
Totals		329		386				
Total TQT minus Duplicated Learning				715				

PATHWAY 7 – LEVEL 3 NVQ IN EXTERNAL WALL INSULATION BOARDER AND FINISHER
MINIMUM TQT FOR THIS PATHWAY = 925
MINIMUM OF 7 UNITS REQU

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
448v4	Installing external wall insulation in the workplace	110	15	125	250	3	M	N
449v4	Applying surface finishes to external wall insulation in the workplace	75	10	130	215	3	M	Y
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					-40			
Sub - Totals		379	75	511				
Totals		454		511				
Total TQT minus Duplicated Learning				925				

PATHWAY 8 – LEVEL 3 NVQ IN INTERNAL INSULATION (WALLS)
MINIMUM TQT FOR THIS PATHWAY = 720
MINIMUM OF 6 UNITS REQU

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Plus additional mandatory - ONE unit required								
644v3	Installing internal insulation to walls in the workplace	100	10	110	220	3	O	N
815v1	Injecting, blowing and spraying insulation to internal walls in the workplace	100	10	110	220	3	O	Y
Additional (not compulsory)								
ICS B2 2010-20104	Develop customer relationships	40	10	10	60	2	A	N

250v1	Erecting and dismantling access/working platforms in th	27	10	43	80	2	A	Y
Duplicated learning					0			
Sub - Totals		294	60	366				
Totals		354		366				
Total TQT minus Duplicated Learning			720					

V1 2020 This NVQ structure has been developed following the 2020 review of NOS

INSERT OCCUPATIONS AFFECTED BY CHANGES TO THIS STRUCTURE

NWG members represented when determining occupation specific TQT values

Cavity Insulation Guarantee Agency (CIGA)
Solid Wall Insulation Guarantee Agency (SWIGA)
HES Scotland
MIS Systems Design
SIG Plc
Evolve HES
Insulation Assurance Authority (IAA)
AC Whyte & Co

Unit Endorsements for LEVEL 3 NVQ IN INSULATION AND BUILDING TREATMENTS

CITB unit

ref Endorsement

250	Two or more of the following: Ladders/crawler boards Stepladders/platform steps Proprietary towers Trestle platforms Mobile scaffold towers Proprietary staging/podiums
449	Three of the following: Dash finishes Synthetic or non-synthetic renders Proprietary pre-cast finishes Paint finishes Brick slips Brick effect render
451	One of the following: Placed Mechanically or adhesively fixed
748	One of the following: Placed Mechanically or adhesively fixed
815	Two of the following: Injected Blown Sprayed
819	One of the following: Injected Blown Sprayed

[Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from CITB \(standards.qualifications@citb.co.uk\) to ensure the endorsement is appropriate to the unit.](mailto:standards.qualifications@citb.co.uk)

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