

LEVEL 2 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 hours

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 2 NVQ IN WOOD PRESERVING AND DAMP-PROOFING

MINIMUM TQT FOR THIS PATHWAY = 670

MINIMUM OF 7 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
444v3	Preparing structures for treatment in the workplace	43	10	77	130	2	M	Y
445v3	Applying preservation treatment in the workplace	53	10	97	160	2	M	Y
446v3	Reinstating the structure after building treatments in the workplace	57	10	103	170	2	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N
643	Moving, handling and storing resources in the workplace	17	10	23	50	2	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 2010-2014	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					-80			
Sub - Totals		277	70	403				
Totals		347		403				
Total TQT minus Duplicated Learning			670					

PATHWAY 2 – LEVEL 2 NVQ IN WALL TIE REPLACEMENT

MINIMUM TQT FOR THIS PATHWAY = 680

MINIMUM OF 7 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS	OTHER					
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UNIT	TITLE	EXISTING GLH	ASSESSMENT	LEARNING	TQT	Level	Unit type	Endorse
444v3	Preparing structures for treatment in the workplace	43	10	77	130	2	M	Y
446v3	Reinstating the structure after building treatments in the workplace	57	10	103	170	2	M	N
447v3	Installing wall ties in existing structures in the workplace	57	10	103	170	2	M	Y
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N
643	Moving, handling and storing resources in the workplace	17	10	23	50	2	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 2010-2014	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					-80			
Sub - Totals		281	70	409				
Totals		351		409				
Total TQT minus Duplicated Learning				680				

PATHWAY 3 – LEVEL 2 NVQ IN CAVITY WALL INSULATION

MINIMUM TQT FOR THIS PATHWAY = 490

MINIMUM OF 5 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
450v4	Installing cavity wall insulation in the workplace	100	10	90	200	2	M	N
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N
643	Moving, handling and storing resources in the workplace	17	10	23	50	2	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 2010-2014	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		224	50	216				
Totals		274		216				
Total TQT minus Duplicated Learning				490				

PATHWAY 4 – LEVEL 2 NVQ IN SOLID FLOOR INSULATION
MINIMUM TQT FOR THIS PATHWAY = 490
MINIMUM OF 5 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N
643	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N
814v1	Installing insulation to solid floors in the workplace	100	10	90	200	2		N
817v1	Insulation and Building Treatments Building Construction, Defects and Interfaces	90	10	90	190	3	M	N
Additional (not compulsory)								
250v	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
ICS B2 2010-2014	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		224	50	216				
Totals		274		216				
Total TQT minus Duplicated Learning				490				

PATHWAY 5 – LEVEL 2 NVQ IN UNDER FLOOR INSULATION
MINIMUM TQT FOR THIS PATHWAY = 480
MINIMUM OF 5 UNITS REQUIRED

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N
643	Moving, handling and storing resources in the workplace	17	10	23	50	2	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
Additional (not compulsory)								
250v1	Erecting and dismantling access/working platforms in the workplace	27	10	43	80	2	A	Y
ICS B2 2010-2014	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		214	50	216				
Totals		264		216				
Total TQT minus Duplicated Learning				480				

PATHWAY 6 – LEVEL 2 NVQ IN COLD ROOF INSULATION
MINIMUM TQT FOR THIS PATHWAY = 480
MINIMUM OF 5 UNITS REQU

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse
		EXISTING GLH	ASSESSMENT					
451v4	Installing insulation to cold roofs in the workplace	90	10	90	190	2	M	Y
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N
643	Moving, handling and storing resources in the workplace	17	10	23	50	2	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 2010-2014	Develop customer relationships	40	10	10	60	2	A	N
Duplicated learning					0			
Sub - Totals		214	50	216				
Totals		264		216				
Total TQT minus Duplicated Learning			480					

V1 2020 (This NVQ structure has combined the previous V3 Certificate and V4 Diploma structures)
INSERT OCCUPATIONS AFFECTED BY CHANGES TO THIS STRUCTURE
No occupations currently import standards from IBT.

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

Pathways 2 & 3 - the units specific to these areas were not reviewed during the TQT process as the National Occupational Standards were deemed to remain as 'fit for pur

Unit endorsements for LEVEL 2 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
444	One of the following: Wood preservation Damp-proofing Wall tie replacement
445	One of the following: Wood preservation Damp-proofing
447	Two of the following: Driven systems Grouted systems Resin systems Mechanical systems
451	One of the following: Placed Mechanically or adhesively fixed

[Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from CITB.](#)

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