LEVEL 3 COMBINED NVQTQT STRUCTURE FOR TUNNELLING OPERATIONS - TUNNEL BORING MACHINE OPERATOR
Version 1 of the combined NVQ and TQT structure January 2024

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 and 211) 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

LEVEL 3 NVQ IN TUNNELLING OPERATIONS - TUNNEL BORING MACHINE OPERATOR (CONSTRUCTION)

MINIMUM TQT FOR THIS PATHWAY = 1740   **MINIMUM NUMBER OF UNITS = 7**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
177v3	Excavating and profiling tunnels in the workplace	410	10	210	630	2	M	Y	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N	OWS
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	OWS
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	OWS
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO
642	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
771v2	Preparing and operating tunnel boring machines to construct tunnels in the workplace	600	10	200	810	3	M	N	
	Duplicated learning				-40				
Sub - Totals		1124	70	586					
Totals		1194		586					
Total TQT minus Duplicated Learning		1740							

OCCUPATIONS AFFECTED BY CHANGES TO THIS STRUCTURE
N/A

NWG members represented when determining occupation specificTQT values
TunnelSkills
Bouygues
Tunnelcraft
J3M Construction Training
London Bridge Associates
Global Tunnelling Experts
Barhale
Rorcon
Transport for London
National Specialist Accredited Centre

Unit endorsements for Level 3 NVQ in Tunnelling Operations - Tunnel Boring Machine Operator (Construction)

CITB unit ref	Endorsement
177	One of the following: Hand mining Drilling and blasting Mechanised tunnel excavation

Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from CITB

Issued to the BEABF in January 2024