

MPQC Level 2 Diploma in Drilling Operations							
Ofqual Reference Number:	603/1186/1				Accreditation Start Date:	Accreditation End Date:	Certification End Date:
Qualification Level: 2	EQF Level: 3	Credits: 37	GLH: Min 182	TQT: 370	01/04/2017	31/03/2027	31/03/2029
Qualification Purpose:	Primary Purpose - Confirm competence in an occupational role to the standards required Additional Purpose – To aid selection into a specific job role						
Applicable National Occupational Standard(s):	Drilling Operations Please see the NOS database for details https://www.ukstandards.org.uk/						
Qualification Summary:	This qualification is specifically designed for those individuals involved in the operation of a wide range of drilling equipment across a range of drilling environments. There are a series of Pathways that cover specific activities/roles for Extractives Drilling, Directional Drilling and Land Drilling. The qualification is accompanied by a set of Directives developed by the Awarding Organisation to provide more details and additional requirements to be included in some applications.						
Qualification Structure:	This qualification consists of 2 Mandatory Units and 6 Pathways, multiple Pathways can be completed by the Candidate, but evidence must clearly cover all criteria within them. Candidates must achieve all the assessment criteria in the 2 Mandatory Units in Group A plus the Mandatory units in their chosen Pathway in Group B. Where Optional Units are within the Pathway then the required number must be completed to gain the qualification. When completing unit DO14 the specific MP Awards Qualification Directives must be strictly adhered to for appropriate assessment in the relevant working environment where identified. Group C includes Additional Units, these are available if the Candidate can produce evidence of competent performance to extend their certification, but they are not required for the qualification.						
Pre-Entry Requirements:	None						
Exemptions and RPL:	Where a previously completed unit has exactly the same reference number and the context of the activity is appropriate an exemption may be claimed following approval from the AO. RPL could be claimed where a unit may have been updated to show a different reference number, but the Candidate can demonstrate their competence is still current, relevant, reliable and sufficient. Refer to MP Awards Exemption and RPL Policy PP0033 for more details.						
Language of Assessment:	English						
Progression Route:	Candidates can undertake additional Pathways as progression to a multi-skilled operative or undertake MPQC regulated qualifications						

Group A - Mandatory Units all Pathways	Mandatory Units (M)	Level	Credits	Ofqual Reference	MPQC Reference	GLH	RPL Units
Unit Title							
Contribute to Maintaining Health, Safety and the Environment in the Drilling Workplace	M	2	5	K/615/5414	DO02v2	30	J/508/3062
Conform to Efficient Working Practices in the Workplace	M	2	3	Y/617/3794	GEN02v3	10	M/615/5415
Group B - Pathways (At least one must be completed)	Mandatory Units (M)	Level	Credits	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Pathway 1 – Extractives Drilling							
Contribute to the Specified Drilling Programme	M	2	12	T/615/5416	MO19v2	90	L/506/7865
Operate and Control Drilling-Related Powered Plant and Machinery	M	2	12	A/615/5417	MO20v2	90	R/506/8113
Drill Holes to Specification and Operational Requirements	M	2	43	F/615/5418	DO14v2	143	T/508/3557
Carry out Operator Maintenance on Drilling Plant and Equipment	M	2	2	Y/615/5425	DO16v2	10	K/508/3569
Pathway 2 – Directional Drilling – Drill Rig Operator	Mandatory Units (M)	Level	Credits	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Contribute to the Specified Drilling Programme	M	2	12	T/615/5416	MO19v2	90	L/506/7865
Operate and Control Drilling-related Powered Plant and Machinery	M	2	12	A/615/5417	MO20v2	90	R/506/8113
Set Up Protection and Safety Equipment for the Work Area	M	2	12	M/615/5429	DO04	40	
Receive and Organise Materials and Equipment for the Drilling Activity	M	2	3	L/615/5437	DO11	12	
Drill Holes to Specification and Operational Requirements	M	2	43	F/615/5418	DO14v2	143	T/508/3557
Carry out Operator Maintenance on Drilling Plant and Equipment	M	2	2	Y/615/5425	DO16v2	10	K/508/3569
Locating and Identifying Underground Services	M	2	12	R/615/5438	DO44v2	40	A/503/9639 QCF 372v2

Pathway 3 – Directional Drilling – Drill Fluid Operator	Mandatory Units (M)	Level	Credits	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Contribute to the Specified Drilling Programme	M	2	12	T/615/5416	MO19v2	90	L/506/7865
Set Up Protection and Safety Equipment for the Work Area	M	2	12	M/615/5429	DO04	40	
Receive and Organise Materials and Equipment for the Drilling Activity	M	2	3	L/615/5437	DO11	12	
Undertaking Mud, Slurry or Fluid Plant Operations in the Workplace	M	2	26	R/615/5469	DO45	87	L/600/7112 QCF 233
Operate Plant to Construct or Form	M	2	25	J/615/5470	PL390v2	83	D/506/6588 QCF 390Cv2
Pathway 4 – Directional Drilling – Locator Operator	Mandatory Units (M)	Level	Credits	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Contribute to the Specified Drilling Programme	M	2	12	T/615/5416	MO19v2	90	L/506/7865
Operate Guidance Systems to Form Holes	M	2	7	L/615/5471	MO23v2	23	F/506/8589
Operate Plant to Construct or Form	M	2	25	J/615/5470	PL390v2	83	D/506/6588 QCF 390Cv2
Set Up Protection and Safety Equipment for the Work Area	M	2	12	M/615/5429	DO04	40	
Locating and Identifying Underground Services	M	2	12	R/615/5438	DO44v2	40	A/503/9639 QCF 372v2
Pathway 5 – Land Drilling – Lead Driller	Mandatory Units (M)	Level	Credits	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Set Up Protection and Safety Equipment for the Work Area	M	2	12	M/615/5429	DO04	40	
Operate and Control Drilling-related Powered Plant and Machinery	M	2	12	A/615/5417	MO20v2	90	R/506/8113
Drill Holes to Specification and Operational Requirements	M	2	43	F/615/5418	DO14v2	143	T/508/3557
Carry out Operator Maintenance on Drilling Plant and Equipment	M	2	2	Y/615/5425	DO16v2	10	K/508/3569

Locating and Identifying Underground Services	M	2	12	R/615/5438	DO44v2	40	A/503/9639 QCF 372v2
Pathway 5 – Optional Units – One must be completed	Optional Units (O)	Level	Credits	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Receive and Organise Materials and Equipment for the Drilling Activity	O	2	3	L/615/5437	DO11	12	
Measure and Set Out Dimensional Control for the Drilling Requirement	O	3	2	J/615/5467	DO13	10	
Reinstate the Drilling Area of Operations and Complete Works	O	2	4	R/615/5472	DO15	18	
Unload and Load Mobile Plant and Equipment from Transportation	O	3	4	Y/615/5473	DO37v2	24	H/508/3571
Undertaking Mud, Slurry or Fluid Plant Operations in the Workplace	O	2	26	R/615/5469	DO45	87	L/600/7112 QCF 233
Pathway 6 – Land Drilling – Support Operative	Mandatory Units (M)	Level	Credit Points	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Set Up Protection and Safety Equipment for the Work Area	M	2	12	M/615/5429	DO04	40	
Contribute to the Specified Drilling Programme	M	2	12	T/615/5416	MO19v2	90	L/506/7865
Receive and Organise Materials and Equipment for the Drilling Activity	M	2	3	L/615/5437	DO11	12	
Pathway 6 – Optional Units – One must be completed	Optional Units (O)	Level	Credit Points	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Reinstate the Drilling Area of Operations and Complete Works	O	2	4	R/615/5472	DO15	18	
Carry out Operator Maintenance on Drilling Plant and Equipment	O	2	2	Y/615/5425	DO16v2	10	K/508/3569
Prepare and Operate Powered Units, Tools, Pedestrian Plant, Machinery or Equipment	O	2	7	D/615/5474	DO46	23	F/506/4672 QCF 400v2
Locating and Identifying Underground Services	O	2	12	R/615/5438	DO44v2	40	A/503/9639 QCF 372v2

Group C - Additional Units	Additional Units (A)	Level	Credit Points	Ofqual Reference	MP Awards Reference	GLH	RPL Units
Unit Title							
Unload and Load Mobile Plant and Equipment from Transportation	A	3	4	Y/615/5473	DO37v2	24	H/508/3571
Use of Technologies to Support Drilling Operations	A	3	6	K/615/5476	DO39v2	20	M/508/3573
Conduct a Health, Safety and Environmental Risk Assessment of the Drilling Operation	A	3	6	M/615/5477	DO40v2	35	F/508/3576

Centre Staff Requirements:

Assessors and **Internal Verifiers** must:

1. Be **registered** and recognised **by an Approved Centre, registered and approved by MP Awards**.
2. Hold, or are working towards the appropriate qualification as listed in the table below:

Assessor	Internal Verifier
<ul style="list-style-type: none"> Level 3 Award in Assessing Competence in the Work Environment, or Level 3 Certificate in Assessing Vocational Achievement, or SQA Accredited L&D 9DI Assess Workplace Competence Using Direct and Indirect Methods (SCQF Level 8), or A1 Assess Learners Using a Range of Methods*, or D32 and D33 Assess Learner Performance Using Differing Sources of Evidence*. 	<ul style="list-style-type: none"> Level 4 Award in the Internal Quality Assurance of the Assessment Process and Practice, or Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Process and Practice, or SQA Accredited L&D 11 Internally Monitor and Maintain the Quality of Workplace Assessment (SCQF Level 8), or V1 Conduct Internal Verification of the Assessment Process*, or D34 Internally Verify the Assessment Process*.

*Holders of A1, D32 or D33 must:

- Assess to the revised National Occupational Standards (NOS) for Assessment;
- Show evidence of CPD to the revised NOS;
- Show evidence of having assessed within the last 18 months;

*Holders of V1 or D34 must:

- Verify to the revised National Occupational Standards (NOS) for Internal Verification;
- Show evidence of CPD to the revised NOS;
- Show evidence of having internally verified within the last 18 months.

Assessment Methods:**Must be assessed and quality assured in accordance with the Minerals Matter Assessment Strategy and MP Awards evidence requirements.**

For this qualification all learning outcomes must be assessed using methods appropriate to the assessment of competence-based qualifications. There must be valid, authentic and sufficient evidence for all the assessment criteria. There is no requirement for each unit to be assessed separately. Indeed, Assessors are encouraged to adopt a holistic approach but it is essential that evidence for the assessment criteria in each unit is also identified individually.

The primary source of performance evidence will be from examining products of work produced by the Candidate supported by observation in the workplace, Candidate testimony and questioning/discussions, supported by other forms of evidence such as witness testimonies.

Simulation is generally not allowed, exceptions to this will be indicated in the appropriate Assessment Strategy/ies, these must be agreed prior to use with the External Verifier.

Minimum Performance Evidence Requirements:

It is expected that this qualification will be delivered over a sufficient period of time to enable the demonstration of **repeatable** performance and allow for quality assurance to be undertaken. This 'period of time' could vary dependent on the candidate's ability to generate suitable and sufficient evidence.

MP Awards recommends a minimum timeframe for this qualification of **10 weeks**. This should be measured from the date of candidate registration.

The mandatory minimum timeframe for this qualification is **4 weeks** measured from the first assessment judgement to when the achievement record is signed off and must include a minimum of 2 observations on different dates

Assessing Knowledge and Understanding:

For this qualification all learning outcomes must be assessed using methods appropriate to the assessment of workplace knowledge. There must be valid, authentic and sufficient evidence for all of the assessment criteria. The examples in the list are not exhaustive.

Holistic approach is encouraged

Verbal/written questioning (recorded)

Professional interview (recorded)

Candidate statements

Assessment System:

Whilst Approved Centres are free to develop their own assessment record system; MP Awards has developed a ready-made system for Centres to use which is available at no cost. However, Centres are advised to check with MP Awards when devising their own assessment system to ensure it meets the standards in full.

Endorsements: The categories and endorsements in the table below are provided to enable the selection of the correct type of equipment and working activity that will be assessed to gain the qualification, these details will show on the reverse of the certificate issued. If more than one category or endorsement is selected then clear evidence relating to each of them must be provided to meet the requirements of the qualification.

Endorsements and Categories

An Endorsement must be selected from the following table for the selected Pathway.

Endorsement			
Extractives	Ground Investigation	Geothermal	Water Well
Landfill	Grouting	Marine	Anchoring/Soil Nailing
Dewatering	Horizontal Directional		

A Category may also be selected where a particular type of equipment was used. Categories are not relevant to all Pathways and must only be selected where relevant.

Category			
Rotary	Cable Percussion	Dynamic Sampling	Sonic

Multiple endorsements and/or categories are permitted but the specific aspects of each must be clearly demonstrated by repeatable performance and supported by evidence.

Fee Structure

Full Qualification and Unit registration fees which are inclusive of certification fees can be found on the approved price list, details are available on the website or by contacting MP Awards on 0115 972 6121

Review of Charges: Fees are reviewed annually and any changes notified to Approved Centres in October for implementation in January