

End-Point Assessment:	Mineral and Construction Product Sampling and Testing Operator
Ofqual Ref:	603/7682/X
Standard and Assessment Plan:	ST0511/AP03
LARS Ref:	366
Sector:	4.2 Manufacturing Technologies
Overview:	A Mineral and Construction Product Sampling and Testing Operator collects and samples mineral products, heavy construction products and/or final end use products to ensure they meet rigorous British and European standards (BSEN) and to ensure they meet customer specifications. Materials can include ready mixed concrete, cement, mortar, asphalt, road building and high speed rail products, precast and pre-stressed concrete. They work in a range of subsectors including mining, construction, quarrying, road building, waste and recycling operations. As product failure and poor quality can lead to end use failure, expert knowledge and attention to detail is essential.
Purpose:	The purpose of this end-point assessment is to enable an independent assessment of the apprentice's skills, knowledge and behaviours acquired during the apprenticeship journey and to test their ability to work sampling and testing mineral and construction products.
Design:	This end-point assessment has been designed to meet the requirements of the Mineral and Construction Product Sampling and Testing Operator EPA Plan.
Components:	The end-point assessment consists of three components: <ul style="list-style-type: none"> • Multiple-choice question paper • Practical observation with questions • Professional discussion
Grading:	The grades available for the end-point assessment are: <ul style="list-style-type: none"> • Distinction • Pass • Fail <p>MP Awards has a scoring system to determine grades and reserves the right to amend the thresholds as required to maintain standards and consistency. Grades will only be officially communicated in writing after the EPA has taken place. They will not be verbally communicated by the Independent End-Point Assessor on the day of assessment.</p>
Entry Requirements:	Apprentices must have spent a minimum of 12 months training, have reached Gateway and completed their qualifications and training before undertaking end-point assessment. Full requirements can be found in the Assessment Plan.

<p>Duration:</p>	<p>The duration of the end-point assessment will vary according to each apprentice, but we would recommend allowing a full day. Each component will be timed as follows:</p> <ul style="list-style-type: none"> • Multiple-choice question paper – maximum of 1 hour • Practical Observation – 1 hour + or - 10% • Observation Questioning – 30 minutes + or - 10% • Professional Discussion – 1 hour + or - 10%
<p>Assessment Methods</p>	<p>Multiple-choice Question Paper: 30 Questions requiring 70% to Pass and 90% for Distinction</p> <p>Practical Observation & Questioning involving:</p> <ul style="list-style-type: none"> • Sampling the product produced • Testing the sampled product • Producing test result data • Analysing the results • Communicating the result data using the company procedures and systems <p>Professional Discussion based on the Portfolio of Evidence which must include:</p> <ul style="list-style-type: none"> • a minimum of 1 and a maximum of 3 pieces of evidence to support each of the knowledge, skills and behaviours (KSBs) assigned to the Professional Discussion • Record of learning activities • Confirmation from the apprentice’s line manager that occupational tasks were completed to the required standard • Documentation of off-the-job training • Copy of qualification certificates
<p>Resits/Retakes:</p>	<p>Apprentices may immediately resit the Multiple-choice question test, provided a minimum score to pass has not been achieved, for the resit an alternative paper must be used. If Apprentices do not meet the requirements to pass the Practical Observation and Questions and/or the Professional Discussion, one retake is permitted following a period of further training. Full requirements can be found in the Assessment Plan.</p>
<p>Costs:</p>	<p>The cost of this end-point assessment is £1800. The fee is payable in three stages:</p> <ul style="list-style-type: none"> • £50 on booking • £450 on registration • £1300 on completion