# FABLE OF CONTENTS

Document History	3
2.0 What is an End-point Assessment?	4
End-point Assessment Day:	4
3.0 About the EPA	5
Site Visit from EPA Manager Fees for the EPA	5 5
What knowledge is assessed through each component	7
Multiple - Choice Test (MCT)	13
Observations with Questioning (OQ)	17
Tools, equipment and materials	18
Interview underpinned by portfolio of evidence (IN)	22
4.0 The Final Grade	24
5.0 Extra Information	25
Certification	25
Unsuccessful apprentices	25
Resits/Retakes	26
Appeals and Complaints	26
Conclusion of EPA	26

# Document History

This document replaces all previous versions. The Guide to EPA is subject to regular revision and is maintained and version controlled electronically.

Previous changes were recorded separately and are held by the Quality and Operational Assurance Director.





# WHAT IS AN END-POINT ASSESSMENT?

The EPA is the final part of your apprenticeship. It is important so prepare well for it! It is designed to confirm you have the skills, knowledge and behaviours needed to become a qualified Baker.

# **Getting ready for your EPA:**

To enter gateway you will need to have the following requirements:

- Level 1 English and Maths
- Attempt at Level 2 Fnalish and Maths
- Portfolio of Evidence
- . Gateway declaration completed and signed by the training provider centre and apprentice

# Reasonable adjustments:

Your employer must inform FDQ if you need any reasonable adjustments for your EPA. For example, extra reading time or instructions in larger font. Make the request for adjustments when your employer requests your EPA test. FDQ is committed to provide equality throughout all our EPAs.

The FDQ Arrangements for reasonable adjustment policy can be found at <a href="https://www.fdq.org.uk">www.fdq.org.uk</a>

# **EPA Itinerary:**

FDQ will send details of the date and time of your EPA to your employer and yourself. This will be sent by our operations team when they have confirmation from the relevant EPA manager. Apprentices have 12 weeks to complete their EPA once they have entered the FDQ gateway.

# What happens after your EPA day?

FDQ will confirm the final results, including a grade for the EPA to your training provider. This takes around 21 working days from your final EPA date. If you pass your EPA, the Education and Skills Funding Agency (ESFA), on behalf of the Institute of Apprenticeships will send your Apprenticeship certificate to your employer. Your certificate should then be passed onto you!

# What happens if you don't pass your EPA?

If you don't pass your EPA there is always an option to resit/retake. Please read page 26 for more information.

# End-point Assessment Day:

What to expect on the day of your EPA

You should arrive at least 30 minutes prior to start time of your EPA. This will enable yourself to prepare for the practical observation assessment, allowing preparation time for Personal Protective Equipment (PPE) to be put on and for any required tools and equipment to be obtained. The Independent examiner will arrive and in preparation for the EPA day to commence.



# Component

Multiple-choice Test (online or paper-based)

Observation with Questions

2

3

Interview underpinned by portfolio

# Time allowed

60 minutes

4.5 hours

45 minutes

# **Questions**

40 multiple-choice
questions
36 questions on core
knowledge and 4 questions
on knowledge relating to
plant bakery

A minimum of 6 open questions will be asked

A minimum of 8 questions will be asked, at least one for each of the 8 following topics:

- maximizing product yield
- common bakery product faults and issues
- bakery documentation/records
- material/stock control
- customer/consumer focus
  - adaptable team worker
- learning and development

# Graded

Fail/Pass

Fail/Pass/ Merit/ Distinction

Fail/Pass

# 3.0 ABOUT THE EPA



# Site visit from EPA Manager

This will be conducted by an EPA Manager to introduce the service and meet all parties involved. This includes the employer, training provider and the apprentice, to assess and agree readiness of the apprentice for EPA. The visit from the EPA Manager can be in person or remote. The visit will:

- Review the suitability of the venue for EPA and that minimum requirements are met. Wherever possible, the EPA will take place in the apprentice's workplace. However, if this is not possible, FDQ may agree to an alternative venue.
- Ensure that the apprentice is not disadvantaged in any way and is assessed in a fair, safe and robust environment.
- Agree a suitable date and time for the EPA and agree an outline of the day's events.
- Agree a suitable format for the Observation with questions to enable the apprentice to demonstrate the required activities, as well as a quiet area/room for conducting the Interview underpinned by portfolio.

# Fees for the EPA:

FDQ is required to have a transactional agreement with the training provider for the EPA services that are commissioned for the apprentice. FDQ will act on behalf of the apprentice's employer and at the point of entering the gateway the EPA fee will be discussed and agreed with all parties. FDQ has a fees policy for all our standards.

When the apprentice has entered the gateway and the EPA date is set, FDQ will issue a contract & payment schedule to the training provider who will sign and return within 10 days. An invoice will normally be issued to the training provider prior to appointed date of the EPA with a 30-day payment expectation.

EPA Assessment Method	Key
Multiple-choice Test	мст
Observation with questions	OQ
Interview underpinned by portfolio	IPE

Standard Reference	Core Knowledge to be assessed	OQ	IPE	мст	
PB1	The bakery sector: size and structure, types of customers, seasonal impact on bakery product demand. How and why production methods have evolved, current and emerging bakery technology and digitalisation; equipment and processes, reference sources and management information systems			•	
PB2	Consumer requirements and current trends; impact on the bakery industry	•			
PB3	Baking theory: mixing, proving, retarding, resting, baking, cooling; their function and how they affect product quality				
PB4	Basic recipe formulation	•			
PB5	Bakery methods and processes: weighing, mixing, dividing, proving, shaping, scaling, blocking/forming, baking, fry-off, pre-bake, cooling and finishing; requirements and purpose				
PB6	Bakery equipment: different types of mixers, processing equipment, ovens, hotplates, knifes, packaging, labelling; their application, cleaning and operational checks requirements				

Standard reference	Knowledge to be assessed	OQ	IPE	мст	
PB7	Main bakery ingredients: flour, yeast, salt, sugar, fats, improvers, water, eggs; their origins, properties, nutritional value, purposes and uses, grades and quality, how they interact, storage, handling and transport			•	
PB8	Principles of making dough: changes in physical properties during processing, types of dough for different products; bulk fermentation and no time doughs (Chorleywood bread process)				
PB9	Finished baked products requirements:  packaging, labelling, storage, handling and  transportation				
PB1O	Maximising product yield efficiency and waste minimisation.				
PB11	Bakery legislation, regulations and requirements: Food Safety, Allergen control, Hazard Analysis Critical Control Points (HACCP), labelling, acrylamide, bakery related asthmagens (powders), flour dust				
PB12	Health and Safety at Work Act 1974; Control of Substances Hazardous to Health, Risk assessments and method statements, manual handling, Personal Protective Equipment (PPE) and standard operating procedures				
PB13	Environmental: Environmental protection Act 1990, sustainable and responsible use of resources and recycling				

Stand	ard
refere	nce

**PB14** 

**PB15** 

**PB16** 

**PB17** 

**PB18** 

**PB19** 

PK24

PK25

PK26

PK27

CS<sub>1</sub>

## Knowledge to be assessed

Hygiene procedures: personal hygiene standards and bakery hygiene

Common baking faults and issues; problem solving

Quality assurance and monitoring of processes.

Verbal and non-verbal communication techniques

Documentation requirements; compliance records

Equality and diversity in the workplace

Large scale production principles. Uniformity and consistency to drive consumer satisfaction

Automated and mechanical processing methods

Audit requirements

Ingredient management and batch processing in large scale production

Read and interpret information for example, specification, recipe and production plan

**OQ** 

**MCT** 

IPE

Standard reference
CS2
CS3
CS4
CS5
CS6
CS7
CS8
CS9
CS10
CS11
CS12

**CS13** 

Knowledge to be assessed
Plan bakery tasks
Prepare for bakery tasks. Obtain materials
Prepare ingredients
Weigh or check weight of ingredients/products
Mix ingredients
Deposit, scale or cut/divide mixture
Mould products
Monitor prove
Pre-bake and/or post-bake dressing of product
Select, prepare/set-up and use equipment and machinery
Operate ovens
Clean and check tools and equipment

OQ

**IPE MCT** 

Standard reference	Knowledge to be assessed	OQ	IPE	мст
CS14	Monitor materials/stock levels and controls for example, first in first out, temperature and environment			
CS15	Receive and store materials/stock from external suppliers and/or internal stores		•	
CS16	Store finished goods			•
CS17	Package and label bakery products for example, allergens	•		
CS18	Comply with health & safety, food safety, environmental procedures, PPE, hygiene and method statements			
CS19	Clean and tidy work area. Dispose of waste and recycle	e of waste		
CS20	Communicate verbally for example, with colleagues, suppliers and customers			
CS21	Record information - paper based or electronic			
CS22	Identify bakery product problems/faults and underlying causes			
PS25	Follow product changeover procedures	•		
PS26	Check product specifications throughout the key process steps; identify and rectify or report production issues			

# **Standard** Knowledge to be assessed OQ IN **MCT** reference Prioritises health and safety and food B1 safety Takes ownership of work. For example, B2 completes allocated tasks, seeks help if required Consumer/customer focus. For example, В3 strives to meet their needs Adaptable. For example, responds **B4** positively to changing demands or new technology Team worker. For example, polite, keeps **B**5 others informed, helps colleagues, takes account of equality and diversity Seeks learning and development B6 opportunities

# **Multiple - Choice Test (MCT)**

MCT assesses the underpinning knowledge and understanding of the apprentice through 40 multiple-choice questions, one point is allocated to each question. There will be 36 questions on core knowledge and 4 questions on knowledge relating to plant bakery. Multiple-choice Test will be closed book – no reference materials may be referred to. Multiple-choice Test will be administered as an on-screen test, however in exceptional circumstances paper-based tests may be provided. The test will be administered according to FDQ's exam and invigilation requirements – see FDQ's Invigilation Guide www.fdq.org.uk for further information.

# **Time**

60 Minutes are allowed to complete this test.

# **Question Styles**

Multiple choice questions
40 questions, 36 core and 4 plant, 60 minutes, 1 mark allocated to each question.

# Venue

The MCT will be taken at the appropriate assessment centre, in a quiet area free from distractions that complies with FDQ's policies. An invigilator will be provided.

f	

Grade	Marks
Fail	0-27
Pass	28-40

# **Sample Questions**

Sample questions are available on FDQ awards. FDQ recommend for apprentices to undertake sample exams online however paper-based sample exams are also available.

# MULTIPLE CHOICE TEST (MCT)





# MULTIPLE - CHOICE TEST ASSESSMENT SPECIFICATION

Standard reference	Knowledge to be assessed		Range	No of MCQs	Total No of MCQs
		The current si structure of the sector in the UK, customers; se impact on baker demand		1	
CK1	The bakery sector	1.2	How and why bakery production methods have evolved; current and emerging bakery technology and digitalisation: equipment	2	3
			and processes, reference sources and management information systems		
CK2	Consumer requirements and current trends; impact on the bakery industry	2.1	Trends in bakery products e.g bread types inc. sourdough, pastries, gluten free products; impact of these products on production	1	1
		3.1	The function of: mixing, proving, retarding, resting, baking, cooling	2	3
CK3	Baking theory	3.2	How bakery processes affect product quality	1	

			4.1	Ratios of ingredients for basic bread, pastry and cake products	
	CK4	Basic recipe formulation	4.2	Ingredient quantities as percentages of total product and scale up recipes for a range of batch sizes	
ı	Main bakery ingredients:	ingredients: flour, yeast, salt,	7.1	The origins, properties, nutritional value, purposes and uses of ingredients used in bread making and flour-based confectionery  10	
Ļ		sugar, fats, improvers, water, eggs	7.2	How different ingredients interact with each other; how ingredients are stored, handled and transported	
ľ	CK8	Principles of	8.1	Changes in physical properties during processing, types of dough for different products	
		making dough	8.2	Bulk fermentation and no time doughs (Chorleywood bread process)	
	CK11	Bakery legislation, regulations and requirements	11.1	Requirements of the following and how they apply to the bakery industry: Food Safety, Allergen control, Hazard Analysis Critical Control Points (HACCP), labelling, acrylamide, bakery-related asthmagens (powders), flour dust	
	Health and Safety at Work Act 1974 and Control of Substances Hazardous to Health	CK12	Safety at Work	12.1	Requirements of the legislation and how it applies to the bakery industry
			Control of Substances Hazardous to	12.2	Risk assessments and method statements, manual handling, Personal Protective Equipment (PPE) and standard operating procedures
	CK13	Environmental	13.1	Requirements of the Environmental Protection Act 1990 and how it applies to the bakery industry  I	

CK13	Environmental	13.2	Sustainable and responsible use of resources and recycling: re-using materials according to operational requirements; handling waste produced in bakery processes	1	2	
CK16	Quality assurance and monitoring of processes	16.1	The importance of quality assurance in the bakery industry; types of quality assurance checks; dealing with nonconformance; limits of own authority when performing quality checks	2	2	
CK19	Equality and diversity in the workplace	19.1	What 'equality and diversity' means in the workplace: equal opportunities and fairness for all; protected characteristics	2	2	
Plant baker option:						
PK26	Audit requirements	20.1	What 'compliance' means in the workplace: the company adheres to the applicable rules and laws	2		
		20.2	Why 'audits' are required: provides a high level of assurance for a company and audits are required by law	2	4	

# **Observations with Questioning (OQ)**

The IE will carry out the OQ within the workplace. This allows for a demonstration of the KSBs through naturally occurring evidence. It will:

- be scheduled when the apprentice will be working in their normal place of work Simulation is not permitted
- be conducted where possible at a time which reflects typical working conditions
- · allow the apprentice to demonstrate all aspects of the standard being observed
- include questions in relation to underpinning knowledge or where an opportunity to observe an activity has not naturally occurred
- · involve one IE observing and questioning one apprentice
- · take a holistic approach to observing the overall competence of the apprentice

# **OQ Questioning session**

A minimum of 6 open questions will be asked. Questions will be taken from FDQ's OQ item bank. Questions may be asked during the observation (in natural stops between tasks) and at the end of the observation.

# **Time**

4.5 hours ,+10% as required, (5 hours maximum), to include time for questioning. The observation will take place in one continuous session, allowing comfort breaks as necessary.

# Venue

The assessment must be taken at the apprentice's workplace under FDQ's assessment conditions



# Observation with Questioning (OQ)



# Tools, Equipment & Materials



1

# Large Equipment

- Ovens
- Prover
- Fryer
- Retrigerator
- Mixer/ Attachments

2

# Small Equipment/ Utensils

- Appropriate oven trays
- Appropriate tins,
- patty tins,
- sponge tins,
- loaf tins
- Mixing Bowls, bevelled
- Weighing Scales
- Weighing containers
- Cooling wires
- Measuring Jugs
- Rolling Pin
- Cake Cases
- Pastry brushes
- Palette knife
- Wooden spoons

- Utensils, spoons / fork / knife
- Cutting / chopping knives
- Scotch scrapers / plastic scrapers
- Whisk
- Sieve
- Piping bags
- Nozzles
- Measuring tape / ruler
- Timer / clock / alarm
   Silicone / greaseproof paper
- Cling film
- Marker pen
- Scissor







# Finishing Products

• Decorative mediums



# Apprentice to provide

- Personal white protective clothing that meets industry standards
- · Hat / hairnet and appropriate flat footwear



# Observation with Questioning Assessment Specification

The following activities will be assessed in the observation. The apprentice will be assessed on adhering to hygiene, health and safety standards and maintaining the work environment both during the activities and at the end of the observation. The observation should be conducted in the following way, to take account of the occupational context in which the apprentice operates.

- Bakery products produced must be a commercial batch size appropriate to the workplace
- Bakery products may be produced using ingredients or a mix. Part-baked products are not permitted.

The apprentice will be asked to complete 8 activities. Tasks are not listed in any particular order, it is for the apprentice to decide on the order of work.

# L2 Baker ST0191/AP05: Observation with Questioning

Activity 1 Plan and prepare for bakery tasks S1 S2 S3

Activity 2
Use/operate bakery
tools, equipment
and ovens K6 S11
S12 S13

The apprentice will:

- establish production requirements
- plan and organise preparation and methodology of the working area

The apprentice will:

- follow company guidelines in using and operating bakery tools and equipment
- wear and use the correct PPE, including wearing oven gloves to load and unload the oven
- identify the correct trays and the products to be placed on each
- use the correct oven temperature and time setting in line with company requirements

Activity 3
Contribute to
maintaining a clean
and effective bakery
production environment
K14 K17 S18 S19 S20
S21 B1 B2

### The apprentice will:

- ensure the work environment; tools and equipment are clean and tidy both during the activities and at the end of the observation to ensure hygiene standards are maintained
- follow health and safety procedures and ensure the correct use of protective clothing

Activity 4 Prepare bakery products for customer/consumer, including packaging and labelling of bakery products K9 S16 S17

### The apprentice will:

- produce the finished product to company standards
- package products according to specification with correct labelling/pricing
- display according to company requirements
- demonstrate clean as you go and safe and hygienic practices

Activity 5 Produce
batch bakery products
Produce a minimum
of two batches of
bakery products using
large scale production
methods to
specification: Bread
loaf and a different
bakery product K5
K24 K25 K27 S4 S5
S6 S7 S8 S9 S10

### The apprentice will:

- Produce bread products to specification using large scale production methods
- Produce pastries and / or confectionery to specification, using large scale production methods
- Bakery products produced must be a commercial batch size appropriate to the workplace
- Bakery products may be produced using ingredients or a mix (note. products should NOT include part-baked items)
- Follow company guidelines to prepare and bake the products and operate ovens
- Comply with health & safety, food safety, environmental procedures, PPE, hygiene and method statements
- Identify bakery product problems/faults and underlying causes

Activity 6 Operate production bakery product changeover \$25

### The apprentice will:

- Read and interpret information for example, specification, recipe and production plan
- Prepare for bakery tasks. Obtain materials
- Select, prepare/set-up and use equipment and machinery
- Comply with health & safety, food safety, environmental procedures, PPE, hygiene and method statements
- Communicate verbally for example, with colleagues, suppliers and customers
- Follow product changeover procedures

Activity 7 Conduct production quality assurance/checks S26

### The apprentice will:

- Check product specifications throughout the key process steps
- · identify and rectify or report production issues
- Identify bakery product problems/faults and underlying causes
- Record information paper based or electronic
- Comply with health & safety, food safety, environmental procedures, PPE, hygiene and method statements

# Activity 8 Questioning session

### The apprentice will:

- Answer questions relating to underpinning knowledge of the tasks observed
- Answer questions to cover any activities that have not been covered during the observation session



# Grading Criteria & Marks

Grade	Marks	
Fail	Did not achieve all Pass criteria	
Pass	Achieved all 13 Pass criteria and 3 or less Distinction criteria	
Merit	Achieved all 13 Pass criteria and between 4 and 7 Distinction criteria	
Distinction	Achieved all 13 Pass criteria and all 8 Distinction criteria	

# Interview underpinned by portfolio of evidence (IPE)

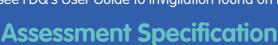
The Interview underpinned by portfolio of evidence involves the IE asking the apprentice a series of questions to assess competence against the KSBs that do not occur on a predictable or regular basis. Questions will be open and competence-based, with additional follow up questions for clarity. The questions will be a combination of standardised questions from FDQ's IN question bank and questions devised by the IE, based on the portfolio of evidence.

# **Time**

The IN will last for 45 minutes + 10% as required, maximum 50 minutes.

# Venue

The interview will take place in a quiet room, free from distractions and influence. Video conferencing may also be used to conduct the interview. In this case, additional requirements and checks in terms of connectivity, authenticity and security will be necessary – see FDQ's User Guide to Invigilation found on FDQAwards.



IEs will ask 8 sets of questions to cover the following topics:

maximising product yield

common bakery product faults and issues

bakery documentation/records

material/stock control

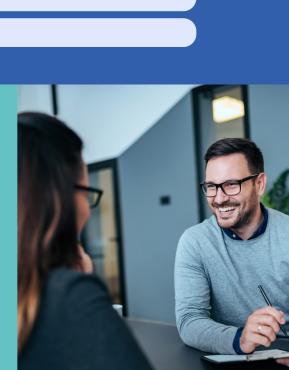
customer/consumer focus

adaptable

team worker

learning and development

# Interview underpinned by portfolio of evidence (IN)







# Grading criteria & Marks

Theme/KSBs

Pass descriptors In order to achieve a pass, apprentices must demonstrate all of the pass descriptors

Core

Maximising product yield K10

Describes ways of working to maximise product efficiency and minimise waste

Common bakery product faults and issues K15 S22

Describes a situation where they have identified a common bakery product problem/fault and applied problem solving to identify the underlying cause

Bakery documentation/record s K18

Describes the correct purpose and requirements for given bakery documentation and compliance records

Material/stock control S14 S15 Describes how they monitor materials/stock levels and controls and how they receive and store materials/stock, identifying factors that need to be taken into account

Customer/consumer focus B3

Describes an example of being customer/consumer focused, outlining the situation and the approach they applied to meet their needs

Adaptable B4

Describes an example of where they have been in the workplace and responded to changing demands or new technology

Team worker B5

Describes an example of being a team player in the workplace, outlining the situation and the role they played

Learning and development B6

Outlines different types of learning and development they have undertaken and their plans for learning and development and its potential benefits

Fail: apprentices will fail if they do not demonstrate all the pass descriptors

# **GRADE BOUNDARIES**

Marking the Component title					
Grade	Marks				
Fail	Did not achieve all Pass descriptors				
Pass	Achieved all Pass descriptors				

# 4.0 The Final Grade

IThe IE will grade the EPA according to the grades achieved in each of the three assessments. All assessment methods are weighted equally. A sample of assessment decisions are subject to moderation and verification by the End-point Assessment Organisation (EPAO), FDQ. The final EPA grade will be based on the outcomes from the observation with questioning (QO), the interview (IPE) underpinned by portfolio of evidence and the Multiple-choice Test. Apprentices who fail one or more assessment method will be awarded an overall EPA fail. Grades from individual assessment methods will be combined in the following way to determine the grade of the EPA as a whole:

Assessment method 1 : Observation with questions	Assessment method 2: Interview underpinned by a portfolio of evidence	Assessment method 3: Multiple- choice Test	Overall Grade	
Fail	Any grade	Any grade	Fail	
Any grade	Fail	Any grade	Fail	
Any grade	Any grade	Fail	Fail	
Pass Pass		Pass	Pass	
Merit	Pass	Pass	Merit	
Distinction	Pass	Pass	Distinction	





Please read below for any extra information regarding the EPA or the process after the EPA has taken place.

# Certification

On successful completion of the EPA the newly qualified apprentice will receive their grade from FDQ in a statement of results document. The Education and Skills Funding Agency (ESFA) manage the operational delivery of certificates for apprenticeships. The ESFA issue the final certificate to the employer.

# Advice, support and guidance contacts

• FDQ EPA Manager for issues concerning EPA registration, arrangement of EPAs, results and certification. Please email epa@fdq.org.uk.

# **Unsuccessful apprentices**

If an apprentice does not pass the EPA, the employer and apprentice have the following options.

# **Either:**

- Apply to resit/re-take the EPA tests or
- Make an appeal to FDQ if you disagree with the result, see www.FDQ.org website for FDQ's appeals policy.

PAGE 25



# **Resits/Retakes**

Apprentices who fail one or more assessment method will be offered the opportunity to take a re-sit/re-take. A re-sit does not require further learning, whereas a re-take does. Confirmation of additional training/preparation is needed when applying for a retake. The apprentice's employer will need to agree that a resit/re-take is an appropriate course of action. Any assessment method re-sit/re-take must be taken within the maximum EPA period of 12 weeks, otherwise the entire EPA must be re-taken.

Re-sits/re-takes are not offered to apprentices wishing to move from pass to merit/distinction or merit to distinction. Under normal circumstances only a pass or merit are available to apprentices who have re-taken or re-sat part of their EPA.

Apprentices will complete a different KT, OQ where variation allows and IPE questions when taking a re-sit/re-take. In the case of a resit/retake outside of the original maximum EPA period, supplementary evidence must be current and will be assessed as part of the new OQ. An additional fee is due each time an apprentice applies to re-sit or re-take any or all of the EPA tests, so it is important that the apprentice is fully prepared before they try

# **Appeals and Complaints**

FDQ is committed to providing the highest levels of service to its customers, including centres and apprentices.

- Complaints Policy
- Appeals Policy

# **Conclusion of EPA**

We hope this handbook has been helpful and has given you an insight into the requirements for the Plant Baker Standard and the End-point Assessment. If you have any further questions/queries, please contact FDQ where one of our experts will be able to help.

Email: epa@fdq.org.uk Tel: 0113 3970 395



