Perming is the term used in hairdressing to describe the process of creating permanent waves and curls in hair. It allows the hair to be moulded into a huge variety of hair designs. In this unit you will learn how to creatively apply advanced winding techniques on a variety of hair lengths and types. You will use different perming rods to produce soft spiral curls or waves and to generate root lift

and natural curls for volume and support. You will learn how to adapt your work for sensitised hair and how perming techniques can be personalised to produce the fashionable looks required by today's perming clients. Perming problems will be explored so that you gain the knowledge required to resolve issues as and when they may arise.



Unit GH22 (City & Guilds Unit 044) Create a variety of permed effects Optional

This unit has four outcomes. As they are linked, you can be observed by your assessor for all at the same time.

Outcome 1
Maintain effective
and safe methods
of working when
perming hair

Outcome 2
Prepare for perming
Outcome 3
Create a variety of
permed effects

Outcome 4
Provide aftercare
advice







Evidence requirements

You must practically demonstrate in your everyday work that you have met the standard for creating a variety of permed effects. The standards cover things that you must do (performance criteria), things that you must cover (range) and things that you must know.

What you must do

Your assessor will observe you on at least **three** occasions, which must include two different sectioning and winding techniques (one of which must be carried out on sensitised hair), and one straightening technique. You must carry out correctly all the things listed under 'What you must do' on the sign-off sheets that follow.

Simulation is not allowed for any performance evidence within this unit. It is likely most evidence of your performance will be gathered from the observations made by your assessor but you may be required to produce other evidence to support your performance if your assessor has not been present.

What you must cover

You will see key words in bold on the 'What you must do' list. For each of these, there is a range of things that you must cover. You must show that you have:

Used the following products:

barrier creams

pre-treatment conditioners

perming and straightening creams and lotions

neutralisers

post-treatment conditioners

Asked about the following contra-indications:

history of previous allergic reaction to perming products

other known allergies

skin disorders

incompatible products

medical advice or instructions

evident hair damage

Carried out the following tests:

elasticity

porosity

incompatibility

skin

Covered the following factors:

temperature

direction, degree and extent of movement required

hair condition

hair texture

hair density

hair length

growth patterns

hair cut

degree of existing curl

Used two of the following sectioning and winding techniques:

piggyback spiral

weaving

root

hopscotch

double wind

Use one of the following straightening techniques:

winding

combing through

Worked on one of the following types of sensitised hair:

permanently coloured hair

lightened hair

previously permed

heat damaged hair

environmentally damaged hair

Achieved three of the following permed effects:

straightened

root lifted

waved

corkscrewed

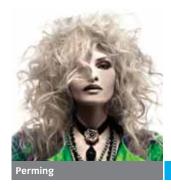
textured curls

Given the following aftercare advice:

suitable aftercare products and their use use of heated styling equipment time interval between

time interval between services

the effects of perming on other services



What you must know

You will be assessed on your knowledge of the following:

Salon and legal requirements

How to work safely, effectively and hygienically when perming

Tests and testing

Perming science

Products, equipment and their use

Perming techniques and problems

Aftercare advice for clients

Communication

This will be completed through written and oral questioning by your assessor. For details of what you must know, see pages 16–20.



Unit GH22 (City & Guilds Unit 044) Create a variety of permed effects Optional (continued)





Useful words

Some terms that you will come across in this unit are explained below.

Ammonium thioglycolate The chemical most frequently used in alkaline perms to break the disulphide bonds.

Double wind A technique of winding using two perm rods per section: the first rod is wound from points to mid length; the second rod is added and wound together with the first rod from the mid length to the roots.

Hopscotch wind A technique used on medium to long layered hair. Three or four rods are wound to the root with weaved sections left out, which are wound in the opposite direction to sit across the top of the first rods.

Piggyback wind A weaved section of hair is left out while the rest of the section is wound to the roots; then a different size of rod is used to wind the weaved section, placing it to sit on the top.

Root wind A technique of winding the root area of the hair only around the perm rod, to give root lift only.

Sodium bromate An oxidising agent used in neutralising agents for alkaline perms.

Spiral wind A technique of winding the hair from points to roots along an extended length perm rod, to create spiral type curls or soft waves, depending on the rod size.

Weave wind A technique of weaving a section of hair into two sections before winding, to produce movement and root lift.

For illustrations of winding techniques, please see the glossary of Habia terms in the more information section on pages 197–202 of the printed logbook.

What you must do

Outcome 1

Maintain effective and safe methods of working when perming hair

- a Ensure your client's clothing is effectively protected throughout the service
- b Wear personal protective equipment when using perming chemicals
- c Position your client to meet the needs of the service without causing them discomfort
- d Ensure your own posture and position whilst working minimise fatigue and the risk of injury
- e Keep your work area clean and tidy throughout the service
- f Remove waste immediately at the end of the perming service
- g Use working methods that
 - minimise the wastage of **products**
 - minimise the risk of cross-infection
 - make effective use of your working time
 - ensure the use of clean resources
 - minimise the risk of harm or injury to yourself and clients
- h Ensure your personal standards of health and hygiene minimise the risk of crossinfection, infestation and offence to your clients and colleagues
- i Use tools and equipment that are safe and fit for purpose

Continues on next page

Within your work, you must show your assessor that you can do the following. You will be observed a number of times (as a guide, at least three times). One of the observations must be perming sensitised hair. Two out of the three observations must be of perming a full head.



Each time you achieve all the points listed below within a single client service, your assessor will tick the circle and enter the date.

Hints and tips

When spiral winding, remember the technique causes the finished curl result to be one or two sizes larger than the rod size used.



What you must do (continued)

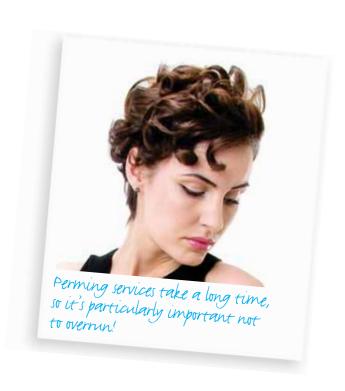
- j Take suitable action to ensure the necessary **products** are available in time for the service
- k Give clear and accurate instructions to anyone assisting you with the service, when necessary
- I Complete the perming service within a commercially viable time
- m Complete client records so that they are accurate, easy to read and up-to-date

Observation	1	2	3		
Achieved	0	0	0	0	0
Date					
Candidate signature					
Assessor signature					
IQA signature (if sampled)					
EQA signature (if sampled)					

Continues on next page

Timing tip

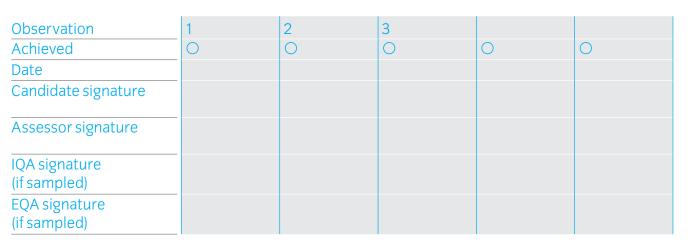
A commercially acceptable time for perming at Level 3/Level 6 using the spiral wind technique is 90 minutes.



Outcome 2

Prepare for perming

- Ask your client appropriate questions to identify if they have any contra-indications to perming services
- b Accurately record your client's responses to questioning
- Conduct all necessary **tests** following manufacturers' instructions and recognised industry procedures
- d Accurately record the outcomes of **tests** on your client's record card
- e Choose **products**, tools and equipment based on the results of necessary **tests**, consultation with your client and **factors** likely to influence the service
- f Prepare **products**, when necessary, following manufacturers' instructions
- g Effectively protect your client's hair and skin prior to perming



Continues on next page



Timing tip

A commercially acceptable time for perming at Level 3/Level 6 using root wind technique is 25 minutes.





What you must do (continued)

Timing tip

A commercially acceptable time for perming at Level 3/Level 6 using a weave wind is

45 minutes.
A piggyback
wind, hopscotch
wind or double
wind should take
60 minutes.

Outcome 3

Create a variety of permed effects

- a Explore the variety of looks possible with your client using the relevant visual aids
- b Base your recommendations on an accurate evaluation for your client's hair and its potential to achieve the effects required
- c Use **products** and **techniques**, taking into account **factors** likely to influence the service
- d Personalise your **sectioning and winding techniques** to take account of **factors** that will influence the desired effect
- e Use **straightening techniques**, when required, to take into account the **factors** that will influence the desired effect
- f Adapt your methods of working and use of **products** to meet the needs of clients with **sensitised hair***
- g Confirm the required degree of curl has been achieved by taking development test curls at suitable times throughout the perming process



- h Confirm the desired degree of straightness has been achieved, when required, by using the relevant test at suitable times and according to manufacturer's instructions
- i Take remedial action to resolve any problems arising during the perming service **
- Ensure development is stopped and the hair is effectively neutralised when the desired **permed effect** is established
- k Ensure the hair is free from neutraliser and has the desired degree of curl or straightness
- Use creative finishing **techniques** to achieve the desired **permed effect**
- m Ensure the finished **permed effect** complements your client's features and enhances their personal image and that of the salon
- n Confirm your client's satisfaction with the finished effect

Observation	1	2	3		
Achieved	0	0	0	0	0
Date					
Candidate signature					
Assessor signature					
IQA signature					
(if sampled)					
EQA signature					
(if sampled)					
* Covered by observat	ion O	Dat	е		
Covered by oral ques	stioning O	Dat	е		
** Covered by observat	ion O	Dat	е		
Covered by oral ques	stioning O	Dat	e		





What you must do (continued)

Outcome 4

Provide aftercare advice

- a Give **advice** and recommendations accurately and constructively
- b Give your client suitable **advice** on the maintenance of their **permed effect**

Observation	1	2	3		
Achieved	0	0	0	0	0
Date					
Candidate signature					
Assessor signature					
IQA signature (if sampled)					
EQA signature (if sampled)					



What you must cover

Products



Before ticking the circles below, you must make sure that you have achieved 'What you must cover' in all the outcomes in which it occurs.

	tne products.					
	1	2	3			
Barrier creams	0	0	0	0	0	
Pre-treatment	0	0	0	0	0	
conditioners						
Perming and	0	0	0	0	0	
straightening creams						
and lotions Neutralisers		0		0	0	
	_					
Post-treatment conditioners	0	0	0	0	0	
Conditioners						
Contra-indications	Tick the contra	i-indications qu	estioned on for	reach observat	tion.	
		· ·	e questioned or			
	1		3			
History of previous	0	2	0		0	
allergic reaction to						
perming products						
Other known allergies	0	0	0	0	0	
Skin disorders	0	0	0	0	0	
Incompatible products	0	0	0	0	0	
Medical advice or	0	0	0	0	0	
instructions						
Evident hair damage	0	0	0	0	0	
	-		•		'	
Tests	Tick the tests c	arried out for ea	ch observation	. All tests must	be carried out.	
	1	2	3			
Elasticity		0	0	0	0	
Porosity		0	0	0	0	
Incompatibility		0	0	0	0	
Skin		0	0	0	0	
				Con	itinues on next page	

Tick the products used for each observation. You must use ${\color{red}\textbf{all}}$ of



What you must cover (continued)

Factors	Tick the factors	s covered by ea	ch observatior	n. All factors mi	ust be covered.
	1	2	3		
Temperature	0	0	0	0	0
Direction, degree and	0	0	0	0	0
extent of movement					
required					
Hair condition	0	0	0	0	0
Hair texture	0	0	0	0	0
Hair density	0	0	0	0	0
Hair length	0	0	0	0	0
Growth patterns	0	0	0	0	0
Haircut	0	0	0	0	0
Degree of existing curl	0	0	0	0	0
Sectioning and winding techniques Tick the sectioning and winding techniques used in each obtaining techniques Two of the sectioning and winding techniques must be used show your assessor that you would know how to use the ot					
		essor that you v <mark>2</mark>	would know how		
Piggyback	show your asso	essor that you v 2 O	vould know hov	w to use the oth	ner four.
Spiral	show your asso	essor that you v 2 O O	vould know hov	w to use the oth	ner four.
	show your asso	essor that you v	vould know hov	w to use the oth	ner four.
Spiral Weaving Root	show your asso	essor that you v	vould know hov	w to use the oth	ner four.
Spiral Weaving Root Hopscotch	show your asso	essor that you v	vould know hov	w to use the oth	ner four.
Spiral Weaving Root	show your asso	essor that you v	vould know hov	w to use the oth	ner four.
Spiral Weaving Root Hopscotch	show your asso	essor that you v	vould know how	w to use the oth	ner four.
Spiral Weaving Root Hopscotch Double wind Straightening	show your asso	essor that you very lessor tha	vould know how 3 0 0 0 ues used in each ow your assess	w to use the oth	ner four.
Spiral Weaving Root Hopscotch Double wind Straightening	show your asso	essor that you very lessor tha	vould know how	w to use the oth	ner four.



Sensitised hair	Tick the type of sensitised hair permed in each observation. One type of sensitised hair must be permed, and you must show your assessor that you would know how to perm the other four.						
	1	2	3				
Permanently coloured	0	0	0	0	0		
hair							
Lightened hair	O	0	0	O	0		
Previously permed hair	0	0	0	0	0		
Heat damaged hair	0	0	0	0	0		
Environmentally	0	0	0	0	0		
damaged hair							
Permed effects							
	1	2	3				
Straightened	0	0	0	0	0		
Root lifted	0	0	0	0	0		
Waved	0	0	0	0	0		

Corkscrewed Textured curls



What you must cover (continued)

Aftercare advice

Tick the aftercare advice given for each observation. All advice must be given.

					0
	1	2	3		
Suitable aftercare products and their use	0	0	0	0	0
Use of heated styling equipment	0	0	0	0	0
Time interval between services	0	0	0	0	0
The effects of perming on other services	0	0	0	0	\circ
Observation	1	2	3		
Achieved	0	0	0	0	0
Date					
Candidate signature					
Assessor signature					
IQA signature (if sampled)					
EQA signature (if sampled)					

Do not overload the hair with too many products.
Angelo Seminara



Hair by Tim Hartley for DAV INES. Photography by David Oldman

"

Comment form *Unit GH22*



This form can be used to record oral questioning, or for assessor/candidate comments, if required.





You will be assessed on your knowledge and understanding of all the following points. This will be completed by your assessor, either through oral or written questions (evidence type E3) or a mandatory written paper (evidence type E4). Either of these could be an online test. The form tells you which evidence type is needed for each point. Your mandatory test papers will be kept by your assessor, so they won't appear in your portfolio.

Some areas appear in more than one unit (shaded in darker blue). These are covered in a cross-unit knowledge test. You only need to be tested on these once.

Once you have been assessed on each point, fill in the date and reference any written evidence that you've put in your portfolio.

Knowledge sign-off sheet Unit GH22 Create a variety of permed effects What you must know

You	u need to understand:	Evidence type
Sa	lon and legal requirements	
1	Your salon's requirements for client preparation	E3
2	Your salon's expected service times for perming	E3
3	When and how to complete client records	E3
4	Your salon's and legal requirements for disposal of waste materials	E3
5	Your responsibilities under current Data Protection legislation	E3
6	Your own responsibilities under the current Control of Substances Hazardous to Health Regulations in relation to the use of perming products	E3
7	Your responsibilities under the current Electricity at Work Regulations	E3
8	Your salon's image and expected standards of service	E3
	w to work safely, effectively and gienically when perming	
9	What is contact dermatitis and how to avoid developing it whilst carrying out perming services	E4
10	The range of protective clothing and materials that should be available for clients	E3
11	The type of personal protective equipment that should be available and used by yourself	E3
12	Why it is important to use personal protective equipment	E4

You	u need to understand:	Evidence type
13	How the position of your client and yourself can affect the desired outcome and reduce fatigue and the risk of injury	E3
14	Why it is important to position your tools and equipment for ease of use	E3
15	Why it is important to use personal protective equipment	E4
16	The safety considerations which must be taken into account when achieving the permed effects	E3
17	Why it is important to keep your work area clean and tidy	E3
18	Methods of working safely and hygienically and which minimise the risk of cross-infection and cross-infestation	E3
19	The importance of using products economically	E3
20	The importance of personal hygiene	E3
21	How and why it is important to check electrical equipment used to aid the perming process	E3
22	Methods of cleaning, disinfecting and/or sterilisation used in salons	E3
23	The importance of questioning clients to establish any contra-indications to the perming service	E4
24	Why it is important to record client responses to questioning	E4
25	The legal significance of client questioning and of recording the client's responses	E4
Te	sts and testing	
26	The types and purposes of tests used for perming services	E4
27	When and how tests should be carried out and the expected results	E4
28	How the results of tests can influence the perming service	E4
29	Potential consequences of failing to test	E4
		





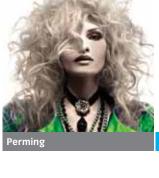
Knowledge sign-off sheet Unit GH22 Create a variety of permed effects

What you must know (continued)

You need to understand:	Evidence type
30 The courses of action to take in the event of adverse reactions to tests	E4
31 Why it is important to record test results	E4
Perming science	
32 The effects of perming products and neutralisers on the molecular structure of the hair	E4
33 How hair that has been sensitised from previous treatments and heat damage reacts to the application of perming products	E4
34 When to use different types and strengths of perming products	E4
35 How the chemical composition of perming products varies and how this affects your choice for use on different hair types	E4
36 The effect of pre-perm and post-perm treatments on the hair structure	E4
37 How temperature affects the achievement of the permed effects	E4
38 Why heat should not be used on sensitised hair	E4
39 The importance and effects of restoring the hair's pH balance after the perming process	E4
40 Why the accurate timing and thorough rinsing of products is necessary	E4



You	uneed to understand:	Evidence type
Pro	oducts, equipment and their use	
41	The types and purpose of equipment used during the perm development process	E3
42	The different types of perming products and how they are used to create curled and straightened effects	E3
43	The different types and uses of neutralising agents	E3
44	The manufacturers' instructions for the specific perming and neutralising products in your salon	E3
45	How and why the factors listed in the range can affect your choice of perming products	E3
Pe	rming techniques and problems	
46	The sectioning and winding techniques in the range that are suitable for different types of hair	E3
47	The different perming effects that can be created by the use of the sectioning and winding techniques in the range	E3
48	The types of tools that can be used to achieve the perming effects in the range (eg chopsticks, spiral rods, U stick rods, foam rollers, formers)	E3
49	How and why it is necessary to adapt your working methods and choice of perming products to suit sensitised hair	E3
50	Methods of applying perming products when using the winding techniques in the range	E3
51	Methods of applying neutraliser to suit the different winding techniques in the range	E3
52	How to check curl development when using different types of winding tools	E3



Continues on next page

Hints and tips

Always read and follow manufacturers' instructions when perming: the process and timings may vary with different products.





Knowledge sign-off sheet Unit GH22 Create a variety of permed effects

What you must know (continued)

You need to understand:	Evidence type
53 How to check the degree of straightness achieved	E3
54 Types and causes of problems that can occur during the perming and neutralising processes for the hair type on which you are working and how to rectify them	E4
Aftercare advice for clients	
55 Products for home use that will benefit the client and those to avoid and why	E3
56 How the continual use of heated equipment can affect permed hair	E3
57 Recommended time intervals between perming and other services	E3
58 How lifestyle factors can affect the hair (eg swimming, time necessary for hair maintenance etc)	E3
59 How perming can affect other services (eg the need for regular cutting, effect on colour services etc)	E3
60 How to maintain the permed effect achieved	E3
61 The need for the client to avoid tension on the hair	E3
Communication	
62 How to give effective advice and recommendations to clients	E3
63 How to give clear instructions to those with less technical knowledge and experience than yourself	E3
Tick if E3 was an online test	Date
Tick if E4 was an online test	Date
Tick if E3 was a written test	Date
Tick if E4 was a written test	Date
Tick if cross-unit knowledge test was an online test \bigcirc	Date
Tick cross-unit knowledge	Date

Hints and tips

When perming hair that has natural wave movement already in it, you need to use a larger rod size and a weaker solution, as the hair will respond very easily to the perm.

- -

Supplementary notes *Unit GH22*



Your assessor may use this space for any additional comments they may have about your work.

Comments	Date

Unit sign-off

This section must be signed when the unit is complete.

We confirm that this evidence is authentic and the assessments were conducted under specified conditions and that all the performance criteria, range and essential knowledge requirements have been met for this unit.

Candidate signature	Date
Assessor signature	Date
IQA signature (if sampled)	Date
EQA signature (if sampled)	Date

Unit GH22 (City & Guilds Unit 044) Create a variety of permed effects Optional

About City & Guilds

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