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GHI17

# colouring hair

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Dark and mysterious, sophisticated and dramatic, alluring and slick. These are just some of the images you can produce with colour to complement hair cutting and styling services. In this unit your skills in colouring techniques will develop to include innovative methods of weaving and slicing to perfect natural warm tones or bold contrasts that accentuate the features of the client's style. You

will learn how to use contemporary block colouring techniques for bold statements, whilst always personalising the colour to suit the individual client's requirements. You will develop your knowledge and understanding of the principles of colour and be able to resolve basic colouring problems, including restoring depth and tone and neutralising unwanted tone.



# Unit GH17 (City & Guilds Unit 039)

## Colour hair using a variety of techniques

### *Optional*

Photography by Billy Moore @ Central Training Group. Hair by Legends

82 Level 3 NVQ/SVQ Hairdressing

This unit has six outcomes. As they are linked, you can be observed by your assessor for all at the same time. However, outcome 5 (Resolve basic colouring problems) is more likely to be assessed separately.

#### Outcome 1

Maintain effective and safe methods of working when colouring and lightening hair

#### Outcome 2

Prepare for colouring and lightening services

#### Outcome 3

Creatively colour and lighten hair

#### Outcome 4

Lighten hair

#### Outcome 5

Resolve basic colouring problems

#### Outcome 6

Provide aftercare advice



### Evidence requirements

You must practically demonstrate in your everyday work that you have met the standard for colouring hair using a variety of techniques. 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 **six** occasions, of which **one** must be of a full or partial head application (at least 30% of the head) using a lightener, **one** must be of a regrowth application using a lightener, **one** must be to resolve a basic colouring problem, **two** must be of creative colouring effects using two or more colours on one head, and **one** must be of a creative colouring effect using one lightener and at least one colour on one head. Any one of the lightening processes must include the use of a toner. The evidence from this unit may be generated from work carried out on men and/or women. 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:

Image courtesy of Denman Brush

**Used the following products:**

quasi permanent colours

permanent colours

lighteners

toners

**Asked about the following contra-indications:**

history of previous allergic reaction to hair colouring products

other known allergies

skin disorders

incompatible products

medical advice or instructions

evident hair damage

**Carried out the following tests:**

skin

colour test

incompatibility

porosity

elasticity

**Covered the following factors:**

temperature

existing colour of hair

hair condition

test results

strength of hydrogen peroxide

hair porosity

hair length

hair density

haircut

percentage of white hair

skin tone

**Used the following colouring and lightening effects:**

slicing

block cover

weaving

**Used two of the following lightener application techniques:**

full head

regrowth

block lightening on a partial head

**Used two of the following colour correction products:**

semi-permanent colour

quasi permanent colour

permanent colour

**Used the following colour correction techniques:**

restoring depth and tone

neutralising colour tone

colouring resistant hair

**Given the following advice:**

home care products and their use

how lifestyle can affect durability of colour

hair maintenance

use of heated styling equipment

time interval between colouring services



Colouring hair

**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 colouring and lightening hair

Tests and testing

Colouring science

Products, equipment and their use

Colouring and lightening techniques and problems

Communication

Aftercare advice

This will be completed through written and oral questioning by your assessor. For details of what you must know, see pages 98–103.





## Unit GH17 (City & Guilds Unit 039)

### Colour hair using a variety of techniques *Optional (continued)*

84 Level 3 NVQ/SVQ Hairdressing



*subtle colour changes catch the light and bring this cut to life!*

#### Useful words

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

**Block colouring** Colouring areas of hair in a way that is intended to enhance the style of the cut.

**Canities** The greyness or whiteness of hair with little or no pigment.

**Colour depth** Lightness or darkness of the hair, ranging from 2–9 on the International Colour Chart system.

**Contra-indications** When a client has a medical or hair condition that may react with services or products.

**Decolouring/colour reduction** Removing artificial/synthetic colour from the hair.

**Elasticity test** A test carried out on the hair to check the condition of the cortex; if the hair is healthy, it should stretch and return.

**Incompatibility test** A test to see if the hair will react to any of the chemical products that are about to be used on it.

**Lightening** This refers to a range of bleaching products for hair. Examples include powder bleach, oil bleach and gel bleach.

**Melanin** The natural pigment that gives colour to the skin and hair. Different types give different colours; for instance, eumelanin is responsible for black and brown tones.

**Skin test/patch test** A test carried out prior to colouring services, following manufacturer's instructions, to ascertain whether the client's skin may react with the chemicals in the colouring product.

**Slicing** A technique used to select slices of hair to be coloured

**Strand test** A test carried out during colour development to check the progress of the colour, identifying when it should be removed.

“  
*Few services can create the dramatic change possible with colouring. This requires careful consultation to ensure the change is what was expected.*  
Maurice Lister

”

# Observation sign-off sheet

## Unit GHI7 Colour hair using a variety of techniques

### What you must do



Colouring hair

#### Outcome 1

##### Maintain effective and safe methods of working when colouring and lightening hair

- a Ensure your client's clothing is effectively protected throughout the service
- b Wear personal protective equipment when using **products**
- 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 colouring 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 others
- h Ensure your personal standards of health and hygiene minimise the risk of cross-infection, infestation and offence to your clients and colleagues

*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 **six** times). **One** must be of a full or partial head application using a lightener, **one** must be of a regrowth application using a lightener, **one** must be to resolve a basic colouring problem, **two** must be of creative colouring effects using two or

more colours on one head, and **one** must be of a creative colouring effect using one lightener and at least one colour on one head. Any one of the lightening processes must include the use of a toner. Each time you achieve **all** the points listed within a single client service, your assessor will tick the circle and enter the date.



*Gloves are essential when handling colouring products.*



# Observation sign-off sheet

*Unit GH17 Colour hair using a variety of techniques*

## What you must do (continued)



- i Use the **products** and equipment identified as a result of consultation with your client
- j Use tools and equipment that are safe and fit for purpose
- k Take suitable action to ensure the necessary **products** are available in time for the service
- l Give clear and accurate instructions to anyone assisting you with the service, when necessary
- m Complete the colouring and lightening service within a commercially viable time
- n Complete client records so that they are accurate, easy to read and up-to-date

Image courtesy of Wella Professionals

Observation	1	2	3	4	5	6		
Achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date								
Candidate signature								
Assessor signature								
IV signature (if sampled)								

*Continues on next page*

### Hints and tips

*Always check the manufacturer's instructions relating to product application and timings before starting.*



*Many clients build up a strong bond of loyalty with skilled colourists, so that first service is all-important!*

## Outcome 2

### Prepare for colouring and lightening services

- a Ask your client appropriate questions to identify if they have any **contra-indications** to the colouring and lightening service
- b Accurately record your client's responses to questioning
- c Conduct a range of **tests** on your client's hair and skin following manufacturers' instructions and recognised industry procedures
- d Accurately record the outcomes of **tests** accurately on the client's records \*
- e Take a suitable course of action when **contra-indications** and/or reactions to tests cause doubts as to the suitability of the service for the client
- f Choose **products**, tools and equipment based on the results of necessary **tests**, consultation with your client and relevant **factors** likely to influence the service
- g Effectively prepare your client's hair and protect their skin, where necessary, prior to colouring
- h Prepare **products** to meet manufacturers' instructions



Colouring hair



Image courtesy of Hooker & Young

Observation	1	2	3	4	5	6		
Achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date								
Candidate signature								
Assessor signature								
IV signature (if sampled)								

- \* Covered by observation  Date \_\_\_\_\_
- Covered by oral questioning  Date \_\_\_\_\_

*Continues on next page*





# Observation sign-off sheet

*Unit GH17 Colour hair using a variety of techniques*

## What you must do (continued)

“

*The colourist, like an artist, needs the perfect canvas of the haircut to create a work of art.*

Daniel Galvin OBE

”

### Outcome 3

#### **Creatively colour and lighten hair**

- a Explore the variety of looks possible with your client using relevant visual aids
- b Base your recommendations on an accurate evaluation of your client’s hair and its potential to achieve the effects required
- c Use **colouring and lightening effects** in an innovative way to achieve the required look
- d Adapt your techniques taking account of the **factors** which will influence the achievement of the required effect
- e Combine and place **products** in a way that complements the hair style
- f Use techniques that minimise the risk of **products** being spread to your client’s skin, clothes and surrounding areas
- g Monitor **product** development at the required time intervals and taking a strand test as required

*Continues on next page*



- h Resolve any problems occurring during the colouring and lightening process using the relevant corrective action \*
- i Ensure the application of toners to lightened hair achieves the desired effect, when used
- j Achieve the desired colouring or lightening effect which is to the satisfaction of your client
- k Use finishing techniques that complement the colour



Colouring hair

Observation	1	2	3	4	5	6		
Achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date								
Candidate signature								
Assessor signature								
IV signature (if sampled)								

- \* Covered by observation  Date \_\_\_\_\_
- Covered by oral questioning  Date \_\_\_\_\_

*Continues on next page*



*Tests are essential before all colouring services to ensure the best results.*

“  
*Demand for colouring services from male and female clients is growing all the time: the future of hairdressing has never looked brighter or more colourful!*  
 Maurice Lister

”



# Observation sign-off sheet

*Unit GH17 Colour hair using a variety of techniques*

## What you must do (continued)

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### Hints and tips

*Maintain good stock records to ensure adequate supplies of colouring products. Always check suitable products are available when appointments are made.*

### Outcome 4

#### Lighten hair

- a Confirm the desired effect with your client prior to the application of lightener
- b Section the hair cleanly and evenly to assist the accurate application of lightener
- c Accurately measure and mix the lightener to the correct consistency for the application and to meet manufacturers' instructions
- d Use **lightener application techniques** suitable for achieving the desired look and following manufacturer's instructions
- e Applying lightener quickly and accurately and in a way that minimises the risk of the product being spread to your client's skin, clothes and surrounding area
- f Adapt the sequence of application taking into account relevant **factors** influencing the service
- g Constantly monitor
  - lightener development
  - condition of the hair
  - scalp sensitivity
  - condition of the lightener

*Continues on next page*



*For Pink, colour reflects the fun of her personality.*

- h Take strand and elasticity tests at frequent and regular intervals
- i Resolve any problems occurring during the lightening process using the relevant corrective action \*
- j Remove lightener from the hair to minimise discomfort to your client and damage to the hair and scalp
- k Leave the hair and scalp free of lightener and in a suitable condition for further services
- l Ensure the application of toners to lightened hair achieves the desired effect, when used
- m Achieve the desired effect to the satisfaction of your client



Observation	1	2	3	4	5	6		
Achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date								
Candidate signature								
Assessor signature								
IV signature (if sampled)								

\* Covered by observation  Date \_\_\_\_\_  
 Covered by oral questioning  Date \_\_\_\_\_

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# Observation sign-off sheet

## Unit GH17 Colour hair using a variety of techniques

### What you must do (continued)

**Hints and tips**

*Tint does not lift tint: if you want to lighten hair that has permanent colour on it, you need to apply bleach, or a colour reducer.*

### Outcome 5

**Resolve basic colouring problems**

- a Use suitable techniques to accurately
  - assess the condition of the hair
  - identify the colouring problem
  - identify suitable **colour correction products**
  - identify suitable **colour correction techniques**
- b Clearly explain to your client the options available for resolving their colour problem
- c Refer your client for specialist colour correction work, if necessary
- d Use **colour correction techniques** effectively to achieve the required colour
- e Ensure the finished colour meets your client's requirements

Observation	1	2	3	4	5	6		
Achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date								
Candidate signature								
Assessor signature								
IV signature (if sampled)								

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## Outcome 6

### Provide aftercare advice

- Give **advice** and recommendations accurately and constructively
- Give your client suitable **advice** on the maintenance of their hair colour



Colouring hair

Observation	1	2	3	4	5	6		
Achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date								
Candidate signature								
Assessor signature								
IV signature (if sampled)								



### Hints and tips

*Good aftercare advice is essential to maintain the new colour and an opportunity to recommend retail products.*



# Observation sign-off sheet

## Unit GH17 Colour hair using a variety of techniques

### What you must cover

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.

#### Products

Tick the products used for each observation. You must use **all** of the products.

	1	2	3	4	5	6		
Quasi permanent colours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanent colours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lighteners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Contra-indications

Tick the contra-indications questioned for each observation. **All** contra-indications must be questioned.

	1	2	3	4	5	6		
History of previous allergic reaction to hair colouring products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other known allergies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skin disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Incompatible products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medical advice or instructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evident hair damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Tests

Tick the tests carried out for each observation. **All** tests must be carried out.

	1	2	3	4	5	6		
Skin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Colour test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Incompatibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porosity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elasticity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Continues on next page*



**Factors**

Tick the factors covered by each observation. **All** factors must be covered.

	1	2	3	4	5	6		
Temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Existing colour of hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hair condition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Test results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strength of hydrogen peroxide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hair porosity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hair length	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hair density	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Haircut	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Percentage of white hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Skin tone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Colouring and lightening effects**

Tick the colour application techniques used in each observation. **All** colouring and lightening effects must be used.

	1	2	3	4	5	6		
Slicing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Block colour	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weaving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Lightener application techniques**

Tick the lightener application techniques used in each observation. You must use at least **two** and you must prove to your assessor that you know how to use the third.

	1	2	3	4	5	6		
Full head	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regrowth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Block lightening on a partial head	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*Continues on next page*





# Comment form

## Unit GH17



Colouring hair

This form can be used to record oral questioning, or for assessor/candidate comments, if required. **Note down which observations involved two or more colours on one head.**

### Comments

### Date

1

2

3

4

5

6





# Knowledge sign-off sheet

## *Unit GH17 Colour hair using a variety of techniques*

### What you must know

98 Level 3 NVQ/SVQ Hairdressing

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 GOLLA 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.

You need to understand:	Evidence type
<b>Salon and legal requirements</b>	
1 Your salon's requirements for client preparation	E3
2 Your salon's expected service times for colouring work	E3
3 How to complete client records effectively	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 colouring products	E3
7 Your responsibilities under the current Electricity at Work Regulations	E3
<b>How to work safely, effectively and hygienically when colouring and lightening hair</b>	
8 What is contact dermatitis and how to avoid developing it whilst carrying out colouring and lightening services	E4
9 The range of protective clothing that should be available for clients	E3
10 The type of personal protective equipment that should be available and used by yourself	E3
11 Why it is important to use personal protective equipment	E4
12 How the position of your client and yourself can affect the desired outcome and reduce fatigue and the risk of injury	E3

*Continues on next page*

You need to understand:	Evidence type
13 Why it is important to position your tools and equipment for ease of use	E3
14 The safety considerations which must be taken into account when colouring and lightening hair	E3
15 The dangers associated with the inhalation of powder lighteners	E4
16 How to use lighteners safely	E4
17 The precautions that must be taken when handling powder lighteners	E4
18 Why it is important to keep your work area clean and tidy	E3
19 Methods of working safely and hygienically and which minimise the risk of cross-infection and cross-infestation	E3
20 The importance of personal hygiene	E3
21 Why it is important to check electrical equipment used to aid the colouring and lightening process	E4
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 colouring and lightening service	E3
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
<b>Tests and testing</b>	
26 The types and purposes of tests for colouring and lightening services	E4
27 When and how tests should be carried out and the expected results	E4
28 The importance of following manufacturers' instructions for skin testing	E4



Colouring hair

*Continues on next page*



# Knowledge sign-off sheet

## *Unit GH17 Colour hair using a variety of techniques*

### What you must know (continued)



You need to understand:	Evidence type
29 How the results of tests can influence the colouring and lightening service	E4
30 The importance of constantly monitoring the development of lightener	E4
31 The potential consequences of failing to carry out tests	E4
32 The courses of action to take in the event of adverse reactions to tests and the contra-indications in the range (ie when to encourage the client to seek medical advice, when to explain the service is not possible, when a modification to the service will be necessary)	E4
33 Why it is important to accurately record test results	E4
<b>Colouring science</b>	
34 The principles of colour selection, including the International Colour Chart (ICC)	E4
35 What is meant by the term 'oxidation'	E4
36 How the type and distribution of melanin creates natural hair colour	E4
37 The effects of light and artificial lighting on the appearance of hair colour	E4
38 How the natural pigmentation of hair affects the colouring and lightening process	E4
39 The reasons for pre-lightening	E4
40 The effects on the hair of different colouring products and lighteners	E4
41 How the different strengths of hydrogen peroxide affect the colouring and lightening of the hair	E4

*Continues on next page*

You need to understand:	Evidence type
42 Effects of temperature on the application and development of colouring products and lighteners	E4
43 How to dilute hydrogen peroxide to form different strengths of solutions	E4
44 The pH values of different colouring products and lighteners	E4
45 The importance of restoring the hair's pH balance after the colouring or lightening process	E4
46 Why it is important to leave the hair and scalp free of colouring products and lighteners	E4
47 The reasons for pre-softening and pre-pigmenting hair	E4
48 What makes hair resistant to artificial colour	E4
49 How and why the contra-indications in the range can affect the delivery of the colouring service to clients	E4
<b>Products, equipment and their use</b>	
50 The types of tools, materials and equipment used for colouring and lightening hair and how and when to use them	E3
51 The different types of colouring products and lighteners available and how and when to use them	E3
52 How and why the factors in the range can influence your choice of product and/or application techniques	E3
53 The importance of following manufacturers' instructions when measuring and mixing colouring products and lighteners	E3
54 How to accurately measure and mix colouring products to manufacturers' instructions	E3
55 How to accurately measure and mix lighteners to the consistency required to meet manufacturers' instructions and the needs of the hair	E3



*Continues on next page*



# Knowledge sign-off sheet

## *Unit GH17 Colour hair using a variety of techniques*

### What you must know (continued)

You need to understand:	Evidence type
56 How and why pre and post treatments should be used when colouring and lightening hair	E3
57 The importance of using products economically	E3
<b>Colouring and lightening techniques and problems</b>	
58 Sources of creative information and inspiration (eg historical, cultural and fashion)	E3
59 The importance of sectioning hair accurately when colouring	E3
60 Methods of applying and removing colouring products and lighteners	E3
61 How the application and removal of lightener should be adapted to minimise scalp sensitivity and hair damage	E4
62 The colouring effects that can be achieved using slicing, block colour and weaving techniques	E3
63 How to place colour in a way to complement a hair style	E3
64 How to carry out a full head and regrowth application using lighteners	E3
65 How and why to adapt the sequence of application to take account of the relevant factors in the range	E3
66 Why it is important to avoid disturbing areas still processing when removing products from developed areas	E3

**Hints and tips**

*When lifting hair colour, remember the natural warm tones prominent in the hair will influence the results.*

*Continues on next page*

You need to understand:	Evidence type
67 The types and causes of colouring and lightening problems and how to rectify them (eg over and under processing, overlapping, skin staining, deterioration of hair condition, uneven results and product seepage)	E4
68 How and why to restore depth and tone of colour	E4
69 How and why to neutralise colour tone	E4
70 The potential problems of using colouring products and lighteners on previously chemically treated hair	E4
71 Methods of pre-softening and pre-pigmenting hair	E4
72 The types of problems which require specialist colour correction	E3
<b>Communication</b>	
73 How to give clear instructions to those with less technical knowledge and experience than yourself	E3
74 How to give effective advice and recommendations to clients	E3
<b>Aftercare advice for clients</b>	
75 How to maintain hair colour and condition	E3
76 Products for home use that will benefit the client and those to avoid and why	E3
77 How lifestyle can affect the client's choice of colour (eg active sports, career and job requirements)	E3
78 How the continual use of heated equipment can damage the hair	E3
79 The recommended time intervals between colouring and other services	E3
Tick if E3 was a GOLA test	<input type="radio"/> Date
Tick if E4 was a GOLA test	<input type="radio"/> Date
Tick if E3 was a written test	<input type="radio"/> Date
Tick if E4 was a written test	<input type="radio"/> Date
Tick if cross-unit knowledge test was a GOLA test	<input type="radio"/> Date
Tick cross-unit knowledge	<input type="radio"/> Date



Colouring hair









Image courtesy of kms California