

SHB Hairdressing and Beauty Services Training Package V3.0

Case for Endorsement – Intense Pulsed Light and Laser for Hair Reduction Training Package Products

July 2018

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A. Administrative details of the Case for Endorsement

Name of allocated IRC

Personal Services Industry Reference Committee (IRC)

Name of the SSO

SkillsIQ Limited

Case for Change reference

Case for Change reference

• Not required

Activity Order reference

• SkillsIQ/TPD/2016-17/005

Note: The Activity Order associated with this Case for Endorsement:

Category C – Update a Training Package, Qualification, Skill Set or Unit of Competency Category D – Preparation of training products or materials to support the implementation of Training Packages.

Title and code for each of the Training Package Products that are submitted for approval.

This Case for Endorsement seeks the approval of new and revised Training Package Products for inclusion in the SHB Hairdressing and Beauty Training Package, inclusive of:

- One Qualification
- Six Units of Competency.

A full list of proposed Training Package Products can be found in <u>Appendix A: List of</u> <u>Training Package Products proposed for endorsement</u>.

B. Description of work and request for approval

Description of work undertaken and why

The SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction outlines the national standards for skills development in Intense Pulsed Light (IPL) and Laser Hair Reduction, and reflects the role of IPL and Laser Hair Reduction Therapists who use IPL and laser to remove unwanted hair from the body. These treatments, once considered advanced, are now prevalent in the beauty industry as a result of developments in technologies and increased accessibility of machinery. The qualification has not undergone a full review since its initial endorsement in 2010. Since this time, the industry has evolved significantly, making it a priority that this qualification be updated.

The increased access to IPL and laser equipment has allowed businesses to provide affordable hair and skin treatments to consumers, increasing demand and therefore also increasing demand for a greater number of industry operators.

Consultation activities have demonstrated the critical need for IPL and laser therapists to provide hair reduction treatments in a safe and effective manner to reduce risk to both themselves and their clients. Industry has also noted the reliance on supplier and manufacturer training which does not provide the underpinning knowledge required to safely apply IPL and laser to the skin.

The current qualification, the *SIB70110 Graduate Certificate in Intense Pulsed Light and Laser Hair Reduction*, has been identified as lacking in several key areas which have been addressed through this update.

- Client consultation skills that allow a therapist to assess a client and determine treatment suitability and potential risks associated with skin types have been strengthened in the Assessment Requirements. Learners will now be required to complete at least three consultations during assessments.
- Industry felt the role therapists play in early identification of possible cancerous spots
 was not well covered in the current qualification. Industry stresses that in no way are
 therapists to play a role in diagnosis but, rather, should possess the knowledge
 required to recommend that a client seek professional medical advice where they
 have concern for the appearance of a lump or spot. Further, industry stresses the
 importance of therapists understanding the scope of their role.
- Strengthened assessment requirements will act as a key driver of quality outcomes and propose the inclusion of practical demonstration of skill across a nominated duration of time, covering a nominated frequency of treatments.
- Strengthened assessor requirements will ensure assessors have the requisite industry skill, background, and experience to assess learners.
- A suitable option for Western Australia has been identified to access training, where learners in this state are unable to use a Class 4 laser. *Note: The legislation in Western Australia now allows individuals to apply for a license to use lasers.*

Consultation also raised the following key concerns which fall outside the scope of this Training Package update:

- Lack of national regulation. The sector remains largely unregulated, without a requirement to hold any formal training to be able to operate IPL and or laser equipment.
- IPL and laser for skin rejuvenation. There is currently no nationally recognised qualification which provides the skills and knowledge to perform these treatments. Industry is reliant on a mix of supplier training and accredited courses. The need for a nationally recognised Qualification in this area will be explored in a separate Case for Change.

Finally, the SHBBHRS coded Units of Competency align with the *recently endorsed AS/NZS* 4173:2018 Safe use of lasers and intense light sources in health care. These revised standards extend to IPL, in addition to lasers, and are applicable beyond hospitals to now include private medical facilities, dental practices and the cosmetic industry.

Decision being sought from the AISC

SkillsIQ, under the direction of the Personal Services IRC, is seeking that the Training Package Products, listed in <u>Appendix A: List of Training Package Products proposed for</u> <u>endorsement</u>, be endorsed by the AISC and approved for release on the national training register, <u>www.training.gov.au</u>.

C. Evidence of industry support

Written evidence of support by the IRC(s) responsible for the relevant Training Package Products.

Given the specialist nature of the Qualification and Units of Competency being developed, the former Wholesale, Retail and Personal Services (WRAPS) IRC approved the formation of a Technical Advisory Committee (TAC) to guide the development of the Training Package Products. Since the formation of the TAC, the WRAPS IRC has been subsequently split into two separate committees, and responsibility for this work was given to the Personal Services IRC. Letters of support will be sought by Personal Services IRC members and IPL and Laser for Hair Reduction TAC members when signing off for inclusion in the submission.

Letters of support from industry stakeholders can be found at <u>Appendix B: Letters of</u> <u>support</u>.

Evidence of consultation with all relevant stakeholders.

This update process was originally overseen by the WRAPS IRC. This Qualification is now under the remit of the Personal Services IRC. The process has been guided by the IPL Laser Technical Advisory Committee (TAC).

A list of IRC and TAC members can be found at <u>Appendix C: Personal Services IRC and</u> <u>Technical Advisory Committee (TAC) membership.</u>

National consultation workshops were held across Australia during August and September 2017. To ensure consultation and validation considered the needs of all interested groups and ensured inclusivity, teleconferences and webinars were offered to ensure national access, and more specifically access for those operating in remote or regional areas. In addition, draft Training Package Products were available for comment through SkillsIQ's online Feedback Forum.

A complete list of organisations and individuals involved in this development work can be found at <u>Appendix D: Stakeholder consultation and engagement list</u>.

Project Stage	Details	
Scoping November 2016– January 2017	SkillsIQ coordinated a survey which was widely distributed to ascertain the specific technological gaps. A Case for Change was submitted in January 2017.	
Drafting (Draft 1) May–July 2017	Draft 1 was developed based on the outcomes from scoping activities and ongoing input from key industry stakeholders. The TAC was key in informing this development work. Draft 1 was finalised in July 2017.	
Consultation and Feedback August and September 2017	SkillsIQ worked with key stakeholders and TAC members to conduct a range of consultation activities and seek feedback on proposed Training Package Products. The consultation period was promoted through SkillsIQ's communication channels inclusive of social media, news blasts and targeted emails. Stakeholder groups promoted this consultation through their networks.	

Table 1: Training Package Product development process and industry consultation

Project Stage	Details	
	Consultation activities included:	
	 An advertisement in an industry magazine National consultation workshops Face-to-face meetings Webinars Consultation activities conducted by state representatives and bodies. In addition to the above activities, stakeholders had an opportunity to provide feedback via SkillsIQ's Online Feedback Forum.	
Drafting (Draft 2)	Feedback received during the consultation period informed the development of Draft 2.	
September and October 2017	Draft 2 was finalised based on IPL and Laser Hair Reduction TAC discussions and decisions.	
Validation November and	Draft 2 was made available for validation online via SkillsIQ's Online Feedback Forum.	
December 2017	The validation period was promoted across SkillsIQ's communication channels inclusive of news blasts and targeted emails.	
	A summary of Draft 2 feedback was provided to, and key issues were addressed by, the IPL and Laser Hair Reduction TAC.	
Draft 3 March and April 2018	The Personal Services IRC reviewed the recommendations provided by the TAC. Based on that review, the IRC were of the opinion that the Entry Requirements of the Qualification needed to be tightened.	
	Draft 3 consultation saw the Qualification with the proposed updated Entry Requirements open for stakeholder feedback.	
Drafting (Final Draft)	Feedback received during the validation period and Draft 3 informed the development of the Final Draft.	
April 2018	Final draft Training Package Products have been included in this Case for Endorsement.	
Quality Assurance	The Final Draft Training Package Products will undergo an independent quality assurance review to confirm compliance with:	
May-June 2018	 Standards for Training Packages 2012 Training Package Products policy Training Package development and endorsement process policy. 	
Submission July 2018	Submission to the Australian Industry and Skills Committee (AISC) for endorsement consideration.	

Evidence that states/territories have been actively engaged and provided advice on the possible impact of implementing the proposed Training Package Product(s), including the implementation issues relating to Products proposed for deletion from the National Register.

Throughout each key stage, states and territories have been involved through the engagement of employers, ITABs, State Training Authorities and various state and territory networks and representative bodies. Access to the draft Training Package Products and supporting documentation was provided to these stakeholders. Through these materials stakeholders have gained an understanding of the implementation requirements and potential issues.

Advice on the management of implementation is provided within the supporting Companion Volume Implementation Guide (CVIG).

State Training Authorities were provided with access to Final Draft Training Package Products, the Case for Endorsement and the Companion Volume Implementation Guide for final comment prior to submission for endorsement.

Written support to submit was received from New South Wales, Queensland, Northern Territory, South Australia, Tasmania and Western Australia. There was no response from the ACT, despite follow up emails, which as per the initial email sent with the Training Package Products, indicates they have no objection to submission.

State	Response
ACT	No response
QLD	Supported Case for Endorsement
NSW	Supported Case for Endorsement
NT	Supported Case for Endorsement
SA	Supported Case for Endorsement
TAS	Supported Case for Endorsement
VIC	Did not support Case for Endorsement
WA	Supported Case for Endorsement

Table 2: Summary of State Training Authority Responses

The Victorian Department of Education and Training (referred to as the Victorian STA in this document) advised that it is unable to support the progression of the Case for Endorsement to the Australian Industry and Skills Committee (AISC) for consideration. The Victorian Department of Education and Training's Training Products Unit have based this position on issues described in *Table 3*.

Table 3: Report by Exception

 Consultation The mandated entry requirements for the SHB60118 - Advanced Diploma in Intense Pulsed Light and Laser for Hair Reduction are contentious across industry and have not been agreed/validated by a representative sample of the Beauty Sector industry. The Case for Endorsement evidences the fact that the IRC acted alone and without adequate consultation in relation to the final version of Entry Requirements – Page 9, "The IRC felt it was their responsibility to make the best decision for industry and therefore made the decision to proceed with 12 months post qualification industry experience as the Entry Requirements." The lack of appropriate process required to the meet the TPDEPP is evidenced by: The majority of the feedback during the Draft 2 consultation period indicated a preference for no mandated experience. 	 SkillsIQ acknowledges that the inclusion of the proposed Entry Requirements may be contentious to some stakeholders. The Personal Services Industry Reference Committee made the decision after Draft 2 that Entry Requirements were appropriate given the level of risk associated with using Intense Pulsed Light and lasers. The qualification was released for a Draft 3 consultation to validate this. IRCs are the body appointed by the AISC to make ultimate and final decisions, and the Personal Services IRC therefore made the decision based on the feedback gathered during Draft 3, and based on what they considered was best for both the industry and consumers. As stated in the Case for Endorsement, the response was split roughly down the middle with some stakeholders opposed and some in favour. The Feedback Forum is one of several mechanisms for gathering stakeholder feedback. In addition to the feedback received via the Feedback Forum, SkillsIQ also received emails directly from stakeholders with their feedback, as well as one-on-one phone conversations. It should be noted there was a distinction between feedback from Registered Training Organisations (RTOs) and from the Beauty Industry. The consensus from RTOs was an expressed preference 	SkillsIQ will proceed with the endorsement process for these IPL and Laser Training Package Products, as the Entry Requirements have been validated by the majority of industry during Draft 3 and confirmed by the Personal Services Industry Reference Committee.

Victorian STA Issue – Entry Requirements	SkillsIQ - Response and Actions	Decision to Proceed and Rationale
 When agreement could not be reached Draft 3 was released for consultation. The SkillsIQ Feedback Forum for DRAFT 3 indicates 6 individuals in favour of 12 month post-qualification experience and 12 against. This appears to contradict the sentence on page 9 of the CfE, "The feedback from industry and employers was split half and half" on the issue of 12 months' post-qualification industry experience (working with skin) for the nurses. The debate by industry was primarily focused on the requirement for nurses to have post-qualification experience working with skin. Beauty Therapy graduates it must be noted have been trained in the knowledge of working with skin and skin contraindications. Victoria's industry has not had appropriate opportunity to discuss 	for NO Entry Requirements so that they could deliver the Advanced Diploma of IPL and Laser for Hair Reduction immediately after the Diploma of Beauty Therapy. The feedback from most of the beauty industry stakeholders was strongly opposed to the Advanced Diploma being delivered before learners had some experience working in industry. In response to the comment that Victoria's industry has not had appropriate opportunity to discuss and contribute its viewpoints, SkillsIQ would like to highlight the fact that there were three rounds of industry consultation which were available to all stakeholders via the SkillsIQ Feedback Forum, in addition to the workshops and webinars which were held. The Victorian CMM (Curriculum Maintenance Manager) has been active in providing feedback during all three rounds of consultation.	

Victorian STA Issue – Entry Requirements	SkillsIQ - Response and Actions	Decision to Proceed and Rationale
and contribute to the decision regarding the Entry Requirements now appearing in the Case for Endorsement which are different from what was circulated for validation.		
 The TPPP states that Entry Requirements must be specific to the knowledge, skills or experience required to commence the qualification. However, neither the Case for Endorsement nor the Companion Volume justify the Entry Requirements as vital to commence the qualification; and the qualification provides no specifics about how the "12 months post-qualification as a beauty therapist with a primary focus on providing facial services, skin services and hair reduction services" supports the knowledge, skills or experience to commence the Advanced Diploma. In addition, no information is provided regarding how "12 months" is constituted – e.g. Part- time etc. Given increased demand by consumers for safe IPL and Laser treatments to be administered by 	 The proposed Training Package Products have undergone Editorial and Equity reports, and Quality Assurance. There were no objections or concerns around compliance with the Training Package Products Policy (TPPP). SkillsIQ will revise the Companion Volume Implementation Guide to include guidance around the proposed Entry Requirements. The Entry Requirements being perceived as a 'barrier' can be attributed to some degree to possible ambiguity in the wording, i.e. "significant and relevant vocational experience as a beauty therapist with a primary focus on providing facial services, skin services and hair reduction services". The proposed Entry Requirements will ensure that only individuals with the appropriate prior knowledge will be able to enrol into the qualification, given the level of risk involved in operating IPL and laser machinery. 	SkillsIQ will proceed with the endorsement process for these IPL and Laser Training Package Products given that the Quality Report confirms compliance with the Training Package Products Policy.

Victorian STA Issue – Entry Requirements	SkillsIQ - Response and Actions	Decision to Proceed and Rationale
 competent individuals which initiated the review (Page 4 CfE) and "stakeholders highlighting that current entry requirements can at times, act as a barrier to entry" it appears retrograde for the IRC to impose more stringent (and non- justified) entry requirements. Increased entry requirements will potentially create a decline in competent practitioners. It appears from NVCER data that the current entry requirements create a barrier for potential learners across jurisdictions and, with additional requirements, will continue to alienate prospective practitioners including a sharp decrease in WA data. 		

Victorian STA Issue- IPL Skill Set	SkillsIQ Response and Actions	Decision to Proceed and Rationale
 <u>Skill Set – not endorseable but creates a</u> <u>loophole</u> The Skill Set provides a loop hole for potential practitioners wanting to gain skills and knowledge in IPL without any underpinning knowledge of skin. The Skill Set includes 5 of the 7 Core Only units of competency in the 	The Skill Set was developed specifically for learners in Western Australia to be able to access training. Until recently (21 June 2018), the use of lasers was restricted to medical professionals in WA. The Skill Set was developed at the request of industry. While there is no provision for Entry Requirements in the Skill Set template, the 'Target Group' section includes the statement: " <i>This skill set is appropriate</i> <i>for individuals who have completed a Diploma of</i>	Based on the recent changes to legislation in Western Australia, where non-medical professionals can now apply to use lasers, the Intense Pulsed Light Skill Set is no longer required and has been removed from the proposed Training Package Products in this Case for Endorsement.

•	SHB60118 - Advanced Diploma in Intense Pulsed Light and Laser for Hair Reduction qualification. It is feasible that beauty therapists can undertake the Skill Set and then the two additional UoCs later and thereby gain the requirements of the qualification	Beauty Therapy, and Enrolled Nurses and Registered Nurses who have 12 months post- qualification industry experience and wish to develop the necessary skills to provide intense pulsed light hair reduction treatments." To be able to issue the Skill Set, RTOs will still need to demonstrate that the learner is indeed compliant with the requirements for the Target Group.	
•	without satisfying any of the proposed Entry Requirements for the qualification. You may already be aware that WA has altered legislation regarding the use of lasers which makes the Skill Set redundant.	At the time of writing and submitting the Case for Endorsement for STA review, the changes to legislation had not been announced. SkillsIQ was informed on 25 June 2018. The Personal Services IRC has agreed to remove the Intense Pulsed Light Skill Set from this Case for Endorsement.	

Where appropriate, advice about the alternative approaches explored and any competing views expressed by the allocated IRC(s) or other industry stakeholders, and how these competing views were resolved.

There were two main contentious points identified during this project.

The currently endorsed Units of Competency include both IPL and Laser modalities which means they must both be assessed for a student to achieve competency. Until 21 June 2018, legislation in Western Australia prohibited individuals within that state to use a laser unless they were registered medical professionals. This meant practitioners could only use IPL in this state. Throughout the consultation process, which commenced in August 2017, there was no indication that the Radiological Council of Western Australia would be updating the legislation to allow the use of lasers by non-medical professionals.

During Draft 1 there was a proposal to separate intense pulsed light and laser modalities into individual Units of Competency. Draft 2 proposed an alternative Qualification structure where individuals could choose to undertake IPL, laser or both through streamed elective options. This proposal was largely met with opposition during Draft 2 feedback. Stakeholders indicated that learners should be trained in both modalities, IPL and laser, even though a business may choose to use one modality or the other.

It is to be noted that no stakeholders in Western Australia provided feedback on Draft 2 and there was minimal support from other states and territories for the proposed 'streamed' qualification structure. On this basis, the TAC members agreed to include both IPL and laser within the core for the Final Draft and develop a Skill Set for Intense Pulsed Light.

On 21 June 2018, the Radiological Council of Western Australia website was update to state that non-medical practitioners are now able to apply to use lasers for cosmetic procedures (including hair removal), with a current exemption from licence. The Personal Services IRC has agreed that as Western Australian leaners can now use lasers by obtaining the appropriate licence, there is no longer a need for the IPL Skill Set, and it has thus been removed from this Case for Endorsement.

Secondly, the Entry Requirements of this qualification received varying feedback throughout consultation. The currently endorsed Entry Requirements mandate a prior Qualification plus industry experience. Some industry stakeholders have highlighted that current entry requirements can, at times, act as a barrier to entry and have recommended amendments be made to ensure the Qualification is available to both graduates of the Diploma of Beauty Therapy and individuals with demonstrated experience working in industry.

Based on feedback received during Draft 1, the Diploma of Beauty Therapy and Enrolled Nurse/Registered Nurse Qualifications were deemed appropriate but no consensus was reached in relation to appropriate experience. Draft 2 proposed three options regarding experience for stakeholders to indicate their preference. The majority of stakeholders overall indicated support for **no** experience post qualification. Based on this, the TAC recommended the Diploma of Beauty Therapy and Enrolled Nurses/Registered Nurses would be acceptable as Entry Requirements.

The IRC felt strongly that there **should** be a mandatory period of 12 months' post-qualification experience working in industry in addition to holding the Diploma of Beauty Therapy qualification, due to concerns over individuals having the necessary experience to enter the qualification. Therefore, Draft 3 of the Advanced Diploma was available for further stakeholder feedback for a period of three weeks. The majority of the feedback received by RTOs during Draft 3 indicated preference for no mandated experience. The feedback from industry and employers was split, with half of the stakeholders who commented in favour and the other half opposed. The main concerns identified by stakeholders who were opposed to the proposal were that there should also be mandated experience for nurses and that 12 months' industry

experience is not relevant unless that experience involves working with the skin (i.e. provision of services such as nails, tanning etc. is not relevant).

The IRC felt that their responsibility was to make the best decision for the industry and therefore made the decision to proceed with 12 months' post-qualification industry experience as the Entry Requirements.

Evidence that key stakeholders (including training providers) are aware of the expected impact of the changes. It is important that SSOs clearly identify any Training Package Products proposed for deletion from the National Register. Where a qualification or Unit of Competency is identified for deletion in the Case for Endorsement, the IRC must provide clear advice, informed by state/territory government authority feedback, about the downstream impacts and optimal timing for that deletion to take effect.

The six Units of Competency proposed within this Case for Endorsement are updated Training Package Products. There are no Training Package Products proposed for deletion in this Case for Endorsement.

There are 28 Registered Training Organisations (RTOs), at the time of writing, with SIB70110 Graduate Certificate in Intense Pulsed Light and Laser for Hair Reduction on their scope of registration. SkillsIQ provided all training providers with the opportunity to review the draft Training Package Products, and several provided their comments in consultation with their industry networks.

In the short term, it is anticipated that there will be an administrative burden on RTOs as they transition to delivery of the new Training Package Products and update their scope of registration, resources and assessment tools. This is, however, unavoidable. RTOs will be required to ensure the appropriate equipment and resources are available for the delivery of IPL and/or laser.

Advice about industry's expectations of training delivery - duration of training, delivery modes and pathways, work-based learning strategies, assessment and learner characteristics - is included in the Companion Volume Implementation Guide.

Industry's expectation is that graduates will be equipped with the skills and knowledge to operate in modern beauty and clinical workplaces. The rate of technological advancement in the sector is rapidly evolving. Industry also has expectations of quality training delivery and assessment from all RTOs involved in training, and often salons or clinics and training providers in this sector have close working relationships.

Industry values training and assessment that provide exposure to real and current work environments, scenarios and workplace contexts, although it is not always appropriate to assess in the workplace. Several of the Units of Competency mandate assessment in simulation only. This has been built into the proposed Training Package Products, through the Assessment Requirements. It is noted that Training Packages cannot mandate either the duration of training or delivery modes. However, the Assessment Conditions in several of the SHBBHRS Units of Competency require assessment to be directly observed, in person, by the assessor.

Upon completion of the Qualification listed in this Case for Endorsement learners will have the opportunity to undertake further study in dermal science higher education qualifications.

Recommendation from the allocated IRC/s as to whether the proposed Training Package Product(s) may be the basis for a traineeship or an apprenticeship and the nominal duration of the traineeship or apprenticeship.

Training Package Products proposed within this Case for Endorsement have been deemed as **unsuitable** for delivery through an apprenticeship or traineeship pathway.

D. Implementation of the new Training Package

Advice about how Training Package Product(s) meet occupational and licensing requirements.

Wherever a specific law, regulation, business or occupational licensing arrangement exists, it will be mentioned in the Application Statement of a Unit of Competency. Required knowledge of that law is also described, as above, in the Knowledge Evidence field, and any required resources are also prescribed in the Assessment Conditions.

Implementation issues of note and management strategy.

Implementation of new Units of Competency and Qualifications creates flow-on impacts and costs for RTOs in relation to administrative systems, training resources and assessment materials. In the short term, it is anticipated that there will be an administrative burden on RTOs as they look to update their scope of delivery to include the new Training Package Products. Trainers and assessors will need to be apprised of the content of the new Training Package Package Products and the methods used to deliver and assess them, and resources will need to be developed to support this delivery and assessment.

The following measures will need to be put in place to address systemic issues and ensure effective implementation:

- strong and ongoing relationships between industry/businesses and training providers, and industry involvement in the validation of learning and assessment materials/activities
- robust and reliable assessment by RTOs, including in relation to prior recognition practices
- the creation of new training and assessment resources to reflect the new Units of Competency, particularly in relation to the specification of foundation skills and Assessment Requirements.

Training Package Products proposed within this Case for Endorsement do not have associated work placement requirements. Due to the level of risk, the Units of Competency related to the designing and provision of IPL and/or laser treatments specify assessment must take place in a simulated salon or clinic environment.

Allocation and management of funding associated with the delivery of new Training Package Products will be determined by the appropriate state and territory bodies in consultation with industry stakeholders in their respective jurisdictions.

E. Quality Assurance reports

This Case for Endorsement supports the Training Package Products, listed in <u>Appendix A:</u> <u>List of Training Package Products proposed for endorsement</u>, proposed for inclusion in the SHB Hairdressing and Beauty Services Training Package. SkillsIQ declares that these Training Package Products have been developed in accordance with the requirements of the *Standards for Training Packages 2012, Training Package Products Policy* and *Training Package Development and Endorsement Process Policy*.

An independent review of the SHB Training Package Products submitted for endorsement was undertaken by Carol Saville. The Quality Report (<u>Appendix E: Quality Assurance</u> <u>Reports</u>) confirms that the proposed Products meet the requirements of the Standards for Training Packages 2012, inclusive of the Training Package Quality Principles. Prior to the completion of the Quality Report, all qualifications, Units of Competency and Assessment Requirements were reviewed against the Standards for Training Packages. The Editorial Report and the Equity Report were completed by Tina Berghella, a member of the Quality Assurance Panel. (<u>Appendix E: Quality Assurance Reports</u>).

The SHB Hairdressing and Beauty Services Companion Volume Implementation Guide will be available on VETNet with links provided on <u>www.training.gov.au</u>.

F. Implementation of the COAG Industry and Skills Council reforms to Training Packages

The development of Training Package Products proposed within this Case for Endorsement considered opportunities to support the COAG Industry and Skills Council and used consultation activities and stakeholder engagement to identify:

- opportunities to identify and remove obsolete Training Package Products from the system
- industry expectations for training delivery and assessment to be documented within the Companion Volume Implementation Guide
- opportunities to enhance the portability of skills from one related occupation to another
- opportunities to remove unnecessary duplication within the system and create Training Package Products that may have application to multiple industry sectors
- opportunities for the development of Skill Sets.

Due to the specific nature of work undertaken, and the Units of Competency proposed, there are no obsolete Training Package Products, and neither was there a need to delete or remove any Training Package Products. In addition, the required IPL and laser hair reduction skills are specific to the beauty industry, and therefore the specified skills are not likely to be transferred between occupations.

As mentioned above, there was an Intense Pulsed Light Skill Set initially proposed for inclusion in this Case for Endorsement however has been removed as it is no longer required in Western Australia.

SkillsIQ confirms that development work has addressed work assigned by the AISC in the Activity Order that was issued.

SUPERSEDED TRAINING PACKAGE PRODUCTS

Existing Qualification	Superseded By
SIB70110 Graduate Certificate in Intense Pulsed Light and Laser Hair Reduction	 SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction

SUPERSEDED TRAINING PACKAGE PRODUCTS

Existing Unit of Competency	Superseded By
 SIBBHRS705A Apply intense pulsed light and laser safety protocols 	 SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction
SIBBHRS706A Design intense	 SHBBHRS006 Design laser hair reduction treatment programs
pulsed light and laser hair reduction treatment programs	SHBBHRS008 Design intense pulsed light hair reduction treatment programs
SIBBHRS707A Provide	 SHBBHRS007 Provide laser hair reduction treatments
intense pulsed light and laser hair reduction treatments	SHBBHRS009 Provide intense pulsed light hair reduction treatments

- SIBBRES702A Investigate developments in cosmetic treatments using light or laser systems
- SHBBRES002 Investigate developments in cosmetic treatments using light and laser systems

G. A copy of the full content of the proposed Training Package Product(s)

Training Package Products proposed for endorsement can be found at <u>Appendix F: Copy</u> <u>of Training Package Products proposed for endorsement.</u> The Training Package Products will be loaded on the National Register through the Training Package Content Management System (TPCMS).

Appendix A: List of Training Package Products proposed for endorsement

Qualification

Qualification Code	Qualification Title
SHB60118	Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction

Units of Competency and Assessment Requirements

Unit Code	Unit Title	
Hair Reduction S	Hair Reduction Services (HRS)	
SHBBHRS005	Identify and control safety risks for intense pulsed light and laser hair reduction	
SHBBHRS006	Design laser hair reduction treatment programs	
SHBBHRS007	Provide laser hair reduction treatments	
SHBBHRS008	Design intense pulsed light hair reduction treatment programs	
SHBBHRS009	Provide intense pulsed light hair reduction treatments	
Research (RES)		
SHBBRES002	Investigate developments in cosmetic treatments using light and laser systems	

Appendix B: Letters of support

The following stakeholders have indicated that they will supply letters of support in regard to this submission.

- Aesthetics Practitioners Advisory Network
- Beauty Therapy Training
- Ella Bache
- Hair and Beauty Australia
- Laser Clinics Australia
- Le Beau Visage
- Retail and Personal Services Skills Advisory Council
- Skin Deep Medi-Spas
- Stephanie's Luxury Spas.



Ph: 07 5593 0360 Fax: 07 5593 0367 Email: info@apanetwork.com Web: www.apanetwork.com P0 Box 5448 Q Super Centre Qld 42l8 Australia

26th April 2018

Liz Petrovic Skills Engagement Executive SkillsIQ Limited GPO Box 4194 Sydney, NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz

We are the Aesthetics Practitioners Advisory Network, a national membership organisation representing the aesthetics and beauty industry. We interact extensively with our members and industry professionals including subscribers, suppliers, educators, RTOs and business owners through our extensive communication platforms. Our database consists of 6500 industry professionals.

As a member of the IPL and Laser Technical Advisory Committee (TAC) representing the needs of our members and supporters, we have circulated the updated draft recommendations of the Advanced Diploma of IPL and Laser for Hair Reduction through our various communication channels. I can confirm that I believe that the beauty industry has been given sufficient opportunity to express its needs. I also believe that those needs have been appropriately addressed through updated training package products to be included in *SHB Hairdressing and Beauty Services Training Package V3.0*.

APAN's extensive database includes the vast majority of IPL and Laser practitioners within the broader Beauty Services industry. We have diligently consulted industry professionals with regards to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

APAN is committed to the advancement of education and is particularly supportive of the following:

- Ensuring that existing nationally-accredited qualifications are constantly updated for relevance to meet the constantly changing needs of the aesthetics industry
- New technologies are included in qualifications
- Modalities such as microblading are included within a qualification framework
- Existing units of competency, such as Cosmetic Tattooing, be reviewed in terms of their position within a qualification framework that will best service the needs of the industry.



Ph: 07 5593 0360 Fax: 07 5593 0367 Email: info@apanetwork.com Web: www.apanetwork.com P0 Box 5448 Q Super Centre Qld 42l8 Australia

As the medical profession is undertaking many procedures that were traditionally delivered through beauty therapists, the risk of legislative restrictions on who can perform these procedures is very much a threat to the beauty industry. We believe nationally-approved qualifications will be the most valuable instrument we need to question such restrictions and protect the beauty industry's scope of practice as well as their business interests.

APAN will continue to actively support both the *SHB Hairdressing and Beauty Services Training Package* and SkillsIQ Limited by providing advice and recommendations on an ongoing basis to ensure that the revised training package products maintain industry currency.

We value our relationship with SkillsIQ and view its contribution to the advancement of this industry as invaluable and instrumental in ensuring its practices are constantly updated. We also believe that these initiatives will protected and support business growth and allow them to best contribution to the Australian economy.

Kind regards

Tina Viney Chief Executive Officer Aesthetics Practitioners Advisory Network

04/05/2018

Liz Petrovic Skills Engagement Executive SkillsIQ Limited GPO Box 4194 Sydney, NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

• Dear Liz,

BTTA is an award winning school " best beauty collage on the Gold coast" BTTA is forging ahead with new developments staying at the cutting edge in training, facilities, and new technology. Offering students the most advanced devices so they can learn from a range of technologies with outstanding student outcomes and job ready qualifications. BTTA recently gained high commendation from QLD health because of both the high standard of training delivered as well as the thorough supervision of hours needed to reach competency standards rather than just working to a college timeframe ensuring our students have access to hands-on, practical training specialising in laser light based therapies tattoo removal, one of the fastest growing industries in the world.

As a member of the IPL and Laser Technical Advisory Committee (TAC) representing Beauty Therapy Training Australia, I can confirm that I believe that the beauty industry has been given sufficient opportunity to express its needs, and that those needs have been appropriately addressed through updated training package products to be included in *SHB Hairdressing and Beauty Services Training Package V3.0.*

Beauty Therapy Training Australia IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

Beauty Therapy Training Australia will continue to support both the *SHB Hairdressing and Beauty Services Training Package* and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Regards,

Angela Todd

Director

Beauty Therapy Training Australia

Ella Baché

8/5/2018 Liz Petrovic Skills Engagement Executive SkillsIQ Limited GPO Box 4194 Sydney, NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz,

Ella Baché is an iconic Australia skincare brand, which has been in Australia for over 60 years.

- Ella Baché is the largest premium salon network in Australia.
- A family owned business built on an unyielding passion for creating skincare that delivers effective yet non- invasive results and commitment to innovation.
- Ella Baché is at the forefront of the skincare industry and is still one of the only companies in Australia that has a dedicated team of researchers and manufacturing facility to create products specifically formulated to perform in the harsh Australian conditions.
- With over 60 years in the skin care industry the company continues to grow thanks to a clear vision, continuous innovation across the brand, education, product and franchise business model. Today Ella Baché boasts over 200 outlets across Australia and New Zealand across the salon network, David Jones and ecommerce platform.

As a member of the IPL and Laser Technical Advisory Committee (TAC) representing Ella Baché I can confirm that I believe that the beauty industry has been given sufficient opportunity to express its needs, and that those needs have been appropriately addressed through updated training package products to be included in *SHB Hairdressing and Beauty Services Training Package V3.0.* Ella Baché's IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

Ella Baché will continue to support both the *SHB Hairdressing and Beauty Services Training Package* and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency. Regards,

Moedell Scharf

Meredith Schaerf Dermal Therapies Program Manager Ella Baché

Hallas Trading Co. Pty Ltd

Locked Bag 1360 Artarmon NSW 1570 2 Lambs Rd Artarmon NSW 2064 T: 02 9432 5000 F: 02 9439 6267 ellabache.com.au ABN 17 001 708 925



1/06/2018 Liz Petrovic Skills Engagement Executive SkillsIQ GPO Box 4194 SYDNEY NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz,

Hair and Beauty Australia (HABA) is the nationally registered peak body registered with the fair work commission for salon owners in the hair and beauty industry, promoting best practice and delivering personally tailored advice on all employment matters and interpretation of the modern award to comply with legislation.

As a member of the Personal Services Industry Reference Committee (IRC) representing HABA I can confirm the HABA believes that the beauty industry has been given sufficient opportunity to express their needs, and that those needs have been appropriately responded to through the updated training package products to be included in *SHB Hairdressing and Beauty Services V3.0*.

HABA believes that the IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

HABA will continue to support both the SHB Hairdressing and Beauty Services Training Package and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Regards,

Maureen E. Harding

National President, Hair and Beauty Australia Industry Association

M or dig

Unit 31, 6-8 Herbert Street St Leonards NSW 2065

r.garsden@laserclinics.com.au +61 412 248 358

Liz Petrovic Skills Engagement Executive SkillsIQ Limited GPO Box 4194 Sydney, NSW 2001

27th April 2018

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz,

Laser Clinics Australia (LCA) is the largest provider of Laser Hair, Skin and Cosmetic Injectables in Australia. We employ over 1,000 therapist and a team of close to 200 doctors and nurses.

As a member of the IPL and Laser Technical Advisory Committee (TAC) representing Laser Clinics Australia, I can confirm that I believe that the beauty industry has been given sufficient opportunity to express its needs, and that those needs have been appropriately addressed through updated training package products to be included in SHB Hairdressing and Beauty Services Training Package V3.0.

LCA's IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

Laser Clinics Australia will continue to support both the SHB Hairdressing and Beauty Services Training Package and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Regards,

Rob Garsden Head of Laser, Skin and Product Laser Clinics Australia



4 May 2018

Liz Petrovic Skills Engagement Executive SkillsIQ Limited GPO Box 4194 Sydney, NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz,

My name is Cristina Cadariu, and I am a professional dermal clinician graduated from Victoria University with the degree in Health Science in 2001. I am practicing since 1980.

As a member of the IPL and Laser Technical Advisory Committee (TAC) representing Le Beau Visage, I can confirm that I believe that the beauty industry has been given sufficient opportunity to express its needs, and that those needs have been appropriately addressed through updated training package products to be included in SHB Hairdressing and Beauty Services Training Package V3.0.

Le Beau Visage uses IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes, which satisfy the skills requirements of the workforce.

Le Beau Visage will continue to support both the SHB Hairdressing and Beauty Services Training Package and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Kind Regards, Cristina Cadariu, Director - Le Beau Visage 0413 276 474



ABN 15 054 810 481 22 Mumford Place, Balcatta WA 6021 Phone: 9240 5221 Fax: 9240 5121 Email: norma@rapstc.com.au

Ms Liz Petrovic Skills Engagement Executive SkillsIQ GPO Box 4194 SYDNEY NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz

The Retail and Personal Services Skills Advisory Council (RAPS Skills Advisory Council) is a peak industry advisory body to the Department of Training and Workforce Development and the State Training Board of WA.

As a member of the Personal Services Industry Reference Committee (IRC) representing RAPS Skills Advisory Council I can confirm the RAPS Skills Advisory Council believes that the beauty industry has been given sufficient opportunity to express their needs, and that those needs have been appropriately responded to through the updated training package products to be included in *SHB Hairdressing and Beauty Services V3.0*.

RAPS Skills Advisory Council believes that the IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

The RAPS Skills Advisory Council is in particular support of:

• Minimum 12 Months Industry Experience prior to starting Advanced Training in IPL and Laser

The RAPS Skills Advisory Council will continue to support both the SHB Hairdressing and Beauty Services Training Package and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Yours sincerely

Norma Roberts Executive Director Retail and Personal Services Skills Advisory Council

18th June 2018



26th April 2018

Liz Petrovic Skills Engagement Executive SkillsIQ Limited GPO Box 4194 Sydney, NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz,

As the owner of Skindeep medi-spas (a group of 4 medi-spas in Perth with a total of 28 staff who have been performing IPL for over 15 years)

As a member of the IPL and Laser Technical Advisory Committee (TAC) representing (Skindeep medi-spas), I can confirm that I believe that the beauty industry has been given sufficient opportunity to express its needs, and that those needs have been appropriately addressed through updated training package products to be included in *SHB Hairdressing and Beauty Services Training Package V3.0.*

Skindeep medi-spa's IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

Skindeep medi-spas particularly supports the following:

Entry to this qualification is open to individuals who:

have achieved a Diploma of Beauty Therapy; AND

• have **12 months post-qualification** experience as a beauty therapist with a primary focus on providing facial services, skin services and hair reduction services; OR

• are an Enrolled Nurse or Registered Nurse; AND

• have **12 months post-qualification** experience in the application of knowledge in human biology, anatomy and physiology.

And especially the IPL Skill Set for individuals in Western Australia being included.

Skindeep medi-spas will continue to support both the *SHB Hairdressing and Beauty Services Training Package* and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Regards,

Helen Golisano

Founder / Director

Skindeep medi-spas_{MULLALOO}

PERTH Shop 4 Central Park Building 777 Hay St Perth WA T (08) 9226 2997 MULLALOO Shop 5 Mullaloo Plaza Koorana Rd Mullaloo WA T (08) 9307 6998 • (08) 9307 8150 FLOREAT 117 Birkdale Rd Floreat WA T (08) 9387 5414 COMO Shop 1 Preston Centre Cnr Preston Rd & Labouchere Rd Como WA T (08) 9368 0829

Skindeep Total Body Care Pty Ltd ABN 38 082 216 993

www.skindeep.net.au

stephanies

LUXURY SPA GROUP

8th June 2018

Liz Petrovic Skills Engagement Executive SkillsIQ GPO Box 4194 SYDNEY NSW 2001

Re: Endorsement of the SHB Hairdressing and Beauty Services Training Package V3.0

Dear Liz,

Stephanies Luxury Spas has been in business for 24 years and in that time has grown to 5 Day Spa and Beauty Therapy Locations and a Head Office and Training Facility; employing 60+ employees in Queensland.

As a member of the Personal Services Industry Reference Committee (IRC) representing Stephanies Luxury Spas I can confirm that Stephanies Luxury Spas believes that the beauty industry has been given sufficient opportunity to express their needs, and that those needs have been appropriately responded to through the updated training package products to be included in *SHB Hairdressing and Beauty Services V3.0*.

Stephanies Luxury Spas believes that the IPL and Laser practitioners within the broader Beauty Services industry have been consulted with regard to identifying skill gaps relating to the provision of services that remove unwanted hair from the face and body. The updated training package products now provide outcomes which satisfy the skills requirements of the workforce.

Stephanies Luxury Spas is in particular support of:

Minimum 12 Months Industry Experience prior to starting Advanced Training in IPL and Laser

Stephanies Luxury Spas will continue to support both the SHB Hairdressing and Beauty Services Training Package and SkillsIQ Limited by providing advice on an ongoing basis to ensure that the revised training package products maintain industry currency.

Regards,

Stephanie Shepherd CEO & Founder Stephanies Luxury Spas

> Stephanies Urban Spa Stephanies Spa Retreat Stephanies Ocean Spa Stephanies Mountain Spa Stephanies Vintage Spa www.stephanies.com.au T: 1300 Day Spa 5/58 Metroplex Avenue, Murarrie QLD 4172 ABN: 30 088 686 471

Appendix C: Personal Services IRC and Technical Advisory Committee (TAC) membership

Current Personal Services IRC from November 2017

Name	Organisation
Stephanie Shepherd	Stephanie's Luxury Spas
Mark Pampling	Alstonville Florist
Norma Roberts	Retail and Personal Services Skills Advisory Council
Sandy Chong	Australian Hairdressing Council
Maureen Harding	Hair and Beauty Australia
Sandra Campitelli	Hairdressing and Beauty Industry Association
Greg Milner	Australian Association of Floral Designers
Deanne McLeod	Australian Funeral Directors Association
Kate Brandreth	Australia's Workers Union

Interim Wholesale, Retail and Personal Services IRC until November 2017

Name	Organisation
Trevor Maher	7 Eleven Stores
Garry Terrill	Australian Retailers Association
Deanne McLeod	Australian Funeral Directors Association
Sandy Chong	Australian Hairdressing Council
Terry Mott	Australian Liquor Stores Association
Shannon Walker	Australian Sporting Goods Association
Mark Pampling	Alstonville Florist
Maureen Harding	Hair and Beauty Australia
Sandra Campitelli	Hairdressing and Beauty Industry Association
Jodie Calwell	Interflora Australia
Christine Potter	Master Grocers Australia
Katherine Younes	McDonalds Australia Ltd
Yvonne Williams	National Retail Association
Sue Bond	The Pharmacy Guild of Australia

Fiona Heslop	Rookwood Cemeteries Trust
Matt Galbraith	Shop Distributive Allied Employees Association

IPL and Laser Hair Reduction TAC

Name	Organisation
Rob Garsden	Laser Clinics Australia
Angela Todd	Beauty Therapy Training Australia
Helen Golisano	Skin Deep Medi-Spas
Holly Copping	Territory Laser Clinic
Maureen Harding	Hair and Beauty Australia
Meredith Schaerf	Ella Bache
Tina Viney	Aesthetics Practitioners Advisory Network
Cristina Cadariu	Le Beau Visage
Vera Koslova-Fu	Victoria University

Appendix D: Stakeholder consultation and engagement list

Name	Organisation
Julie O'Rourke	Advanced Beauty Training
Desa Fuller	Advanced Nail and Beauty
Lorna Smyth	Advanced School of Beauty Therapy
Nicole Kratzmann	AKISS College
Olivia Figliuzz	Australian Academy of Beauty and Spa Therapy
Sue Campbell	Australian Academy of Beauty and Spa Therapy
Bianca Long	Australian Academy of Beauty and Spa Therapy
Trevor Neale	Australian Aesthetic Devices
Meikin Li Rees	Australian Association for Laser Therapy
Christopher Qualita	Australian College of Laser Therapy
Deb Westland	Australian College of Laser Therapy
Vivian Tran	Australian International Skills Training
Chrys Antoniou	Australian Society of Dermal Clinicians
Jennifer Hookham	Australian Society of Dermal Clinicians
Elissa O'Keefe	Bravura Education
Kim Dainty	Brace Education & Training
Andrew Byrant	Brazilian Beauty
Josie-Marie Micale	Brazilian Beauty Ashgrove
Fiona Warde	Charles Darwin University
Linda Manning	Charles Darwin University
Patricia Sweeney Fawcett	Charles Darwin University
Sara Whithorn	Clairderm Medical Aesthetics
Metro-Dora Clifford	ClinicalPRO
Julie Watt	Demi International Beauty Academy
Tracy Dobbin	Destination Sunshine Cove
Patricia Boehler	Dermal Essence Pty Ltd
Lyndal Stary	Doctors Tasmania
Denise Doyle	Doyle's Academy
Denise Kelly	Doyle's Academy
Ann Thatcher	Ella Bache
Meredith Schaerf	Ella Bache College
Godfrey Town	GCG Healthcare Australia
Belinda Leonardos	Heather Langton Academy of Beauty Therapy
Laila Sanchez	Laila's Beauty & Laser

SHB HAIRDRESSING AND BEAUTY SERVICES TRAINING PACKAGE V3.0 CASE FOR ENDORSEMENT JULY 2018

Name	Organisation
Amanda Bailey	Laser Clinics Australia
Borka Buseska	Laser Clinics Australia
Elise Birchall	Laser Clinics Australia
Jo Ralston	Laser Professionals
Philip Rees	Laser Therapy & Natural Medicine Pty Ltd
Emma Jacobs	Lush Beauty and Laser
Ashley Taylor	Melbourne College of Hair and Beauty
Sandra Piva	Melbourne College of Hair and Beauty
Irene Hill	Oasis Skin and Laser Clinic
Simon Critchley	Queensland Department of Health
Kerry Gilmore	Rapport Institute
Norma Roberts	Retail and Personal Services Skills Advisory Council
Candice Heskey	Scentia
Jess Herraman	Silk Laser Clinics
Julie Giuffre	SkillsIQ NSW ITAB
Catherine Lee	SKYN Pty Ltd
Jane Stanton	Spa Face and Body
Claire Pierre	SRTAFE Bunbury
Emily Parslow	SRTAFE Bunbury
Melissa Jendrzejak	SRTAFE Bunbury
Ilse Taumberger	Sydney Beauty & Dermal Institute
Carole Stow	TAFE NSW
Cheryl Ballinger	TAFE NSW
Franca Semsarian	TAFE NSW
Julie-Ann Willis	TAFE NSW
Maria Patane	TAFE NSW
Alyse Baume	TAFE NSW
Cathy Bahari	TAFE NSW
Melinda Vaughn-Gibson	TAFE NSW
Farzana Farhat	TAFE NSW
Rabbiya Ajaz	TAFE NSW
Elizabeth Rensink	TAFE NSW
Yvette Priest	TAFE NSW
Gaille Last	TAFE Queensland
Kerry Ferschmann	TAFE Queensland
Sylvia White	TAFE Queensland
Teri Simpson	Tender Touch

SHB HAIRDRESSING AND BEAUTY SERVICES TRAINING PACKAGE V3.0 CASE FOR ENDORSEMENT JULY 2018

Name	Organisation
Maria Ogurekova	The Advanced Skills Academy
Aimee Quirke	The Australian Academy of Beauty and Spa Therapy
Alexandra Mulder	The Beauty Room by Alexandra
Angela Clifft-McNae	The French Beauty Academy
Renee Smith	The French Beauty Academy
Sherelle French	The French Beauty Academy
Tiana Arthur	Tiana's Beauty Clinic
Jayde Fisher	True Queen Beauty
Alison Hollands	Curriculum Maintenance Manager (CMM) Victoria University
Teresa Russo	Visible Changes Laser and Beauty
Ashleigh Brown	Urban Spa
Michelle Taylor	Urban Spa

Appendix E: Quality Assurance Reports

Editorial Report

1. Cover page	
Information required	Detail
Training Package title and code	SHB Hairdressing and Beauty Training Package V3.0
Number of new qualifications and their titles ¹	Nil
Number of revised qualifications and their titles	 One qualification: SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction
Number of new units of competency and their titles	Nil
Number of revised units of competency and their titles	 Six units of competency: SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments
	SHBBHRS006 Design laser hair reduction treatment programs
	 SHBBHRS008 Design intense pulsed light hair reduction treatment programs SHBBHRS007 Provide laser hair reduction
	 treatments SHBBHRS009 Provide intense pulsed light hair reduction treatments
	 SHBBRES002 Investigate developments in cosmetic treatments using light and laser systems
Confirmation that the draft training package components are publication-ready	Yes
Is the Editorial Report prepared by a member of the Quality Assurance Panel? If 'yes' please provide a name.	Tina Berghella
Date of completion of the report	7 th June 2018

 $^{^{1}\} When the number of training products is high the titles can be presented as an attachment.$

2. Content and structure

Units of competency

Editorial requirements	Comments
Standard 5:The structure of units of competency complies with the unit of competency template.	The structure of the units of competency complies with the unit of competency template.
 Standard 7: The structure of assessment requirements complies with the assessment requirements template. 	The unit of competency has associated assessment requirements.
	The structure of assessment requirements complies with the assessment requirements template.

Qualifications

Editorial requirements	Comments by the editor
 Standard 9: The structure of the information for qualifications complies with the qualification template. 	The structure of the qualification complies with the qualifications template.
 Standard 10: Credit arrangements existing between Training Package qualifications and Higher Education qualifications are listed in a format that complies with the credit arrangements template. 	The structure of the credit arrangements complies with the template. No credit arrangements exist.

Companion Volumes

Editorial requirements	Comments by the editor
 Standard 11: A quality assured companion volume implementation guide is available and complies with the companion volume implementation guide template. 	A draft Companion Volume Implementation Guide was sighted and confirmed against the mandatory requirements of the companion volume implementation guide template.
	The developer confirmed that the companion volume implementation guide had been quality assured.

3. Proofreading

Editorial requirements	Comments by the editor
Unit codes and titles and qualification codes and titles are accurately cross-referenced throughout the training package product(s) including mapping information and packaging rules, and in the companion volume implementation guide.	Unit codes and titles were cross-referenced throughout the editorial review and were checked against the mapping information.
 Units of competency and their content are presented in full. 	The units were provided in full for the editorial review.
 The author of the Editorial Report is satisfied with the quality of the training products, specifically with regard to: absence of spelling, grammatical and typing mistakes consistency of language and formatting logical structure and presentation of the document. compliance with the required templates 	All components have been edited and proofread. All editorial issues raised during this editorial review were resolved by the developer.

Equity Report

Section 1 – Cover page

Information required	Detail		
Training Package title and code	SHB Hairdressing and Beauty Training Package V3.0		
Number of new qualifications and their titles ¹	Nil		
Number of revised	One qualification:		
qualifications and their titles	 SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction 		
Number of new units of competency and their titles	Nil		
Number of revised units of	Six units of competency:		
competency and their titles	 SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments 		
	 SHBBHRS006 Design laser hair reduction treatment programs 		
	 SHBBHRS008 Design intense pulsed light hair reduction treatment programs 		
	 SHBBHRS007 Provide laser hair reduction treatments 		
	 SHBBHRS009 Provide intense pulsed light hair reduction treatments 		
	 SHBBRES002 Investigate developments in cosmetic treatments using light and laser systems 		
Confirmation that the draft training package components meet the requirements in Section 2 Equity checklist of draft training package components	Yes		
Is the Equity Report prepared by a member of the Quality Assurance Panel? If 'yes' please provide the name.	Tina Berghella		
Date of completion of the report	7 th June 2018		

¹ When the number of training products is high the titles can be presented as an attached list.

Equity requirements	Equity reviewer comments
	Provide brief commentary on whether the draft endorsed components meet each of the equity requirements
 The training package component(s) comply with Standard 2 of the Standards for Training Packages 2012. The standard requires compliance with the Training Package Products Policy, specifically with the access and equity requirements: Training Package developers must meet their obligations under Commonwealth anti-discrimination legislation and associated standards and regulations. Training Package developers must ensure that Training Packages are flexible and that they provide guidance and recommendations to enable reasonable adjustments in implementation. 	 A review of all proposed components indicates that the Training Package Products Policy in relation to access and equity requirements has been adhered to. This includes: The draft materials do not breach Commonwealth anti-discrimination legislation and associated standards and regulations Advice to support reasonable adjustment is provided in the companion volume implementation guide

Section 2 – Equity checklist of draft training package components

Section 3 - Training Package Quality Principles

Quality Principle 4

Be **flexible** to meet the diversity of individual and employer needs, including the capacity to adapt to changing job roles and workplaces.

Key features

Do the units of competency meet the diversity of individual and employer needs and support equitable access and progression of learners?

What evidence demonstrates that the units of competency and their associated assessment requirements are clearly written and have consistent breadth and depth so that they support implementation across a range of settings?

Are there other examples that demonstrate how the key features of flexibility are being achieved?

Equity requirements	Equity reviewer comments
1. What evidence demonstrates that the draft components provide flexible qualifications/units of competency that enable application in different contexts?'	The draft components meet the diverse needs of individuals and employers across a wide range of industry contexts evidenced by industry support for the changes detailed in the case of endorsement.
	The qualification is not flexible. The qualification has a core only structure with no option to select electives, it does not include units imported from other training packages and it has entry requirements. This is justified given the complex regulatory environment and the high-risk nature of the work and is clearly supported by the industry in the case for endorsement.
	The option of two entry requirements clearly expressed within the qualification and in the companion volume implementation guide allows flexible access to the qualification. The case for endorsement describes the challenges involved in reaching IRC agreement on including the requirement for 12 months' post- qualification industry experience. The entry requirements are:
	Entry to this qualification is open to individuals who:
	 have achieved a Diploma of Beauty Therapy; AND
	 have 12 months post-qualification experience as a beauty therapist with a primary focus on providing facial services, skin services and hair reduction services;
	OR
	 are an Enrolled Nurse or Registered Nurse; AND
	 have 12 months post-qualification experience in the application of knowledge in human biology, anatomy and physiology.
	The units of competency offer some flexibility in that they are applicable to practitioners working in a diverse range of beauty industry sectors and business contexts. However, the assessment conditions in several units specify that they can only be assessed in a simulated

Equity requirements	Equity reviewer comments
	workplace and assessment must be directly observed by the assessor which the developer explained was due to the high-risk nature of the work.
2. Is there evidence of multiple entry and exit points?	The companion volume implementation guide includes pathways advice that shows a pathway from the Diploma of Beauty Therapy into the Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction. This is consistent with one of the two entry requirement options.
3. Have prerequisite units of competency been minimised where possible?	Four of the six units of competency included in this submission include the same prerequisite unit, 'SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments' to address the safety concerns related to using light-based modalities for hair reduction. Given the high- risk nature of the work, it is appropriate that a safety unit is included retained as a pre- requisite unit and the approach is clearly supported by industry in the case for endorsement.
4. Are there other examples of evidence that demonstrate how the key features of the flexibility principle are being achieved?	The submission also includes the Intense Pulsed Light for Hair Reduction offering an alternative pathway for individuals wishing to develop the skills to provide these services.

Quality Principle 5

Facilitate **recognition** of an individual's skills and knowledge and support movement between the school, vocational education and higher education sectors.

Key features

Support learner transition between education sectors.

pathways from entry and preparatory level as appropriate to facilitate movement between schools and VET, from entry level into work, and between VET and higher education qualifications?	Pathways advice is provided in the Companion Volume Implementation Guide in the form of pathways charts. The qualification is not appropriate for entry level workers. The credit arrangement templates states that no national credit arrangements exist.

Quality Principle 6

Support interpretation by training providers and others through the use of simple, concise language and clear articulation of assessment requirements.

Key features

Support implementation across a range of settings and support sound assessment practices.

Equity requirements	Equity reviewer comments
1. Does the Companion Volume Implementation Guide include advice about:	A draft Companion Volume Implementation Guide was sighted and included information about pathways, access and equity, and
Pathways	foundation skills.
Access and equity	
Foundation skills?	
(see Training Package Standard 11)	
2. Are the foundation skills explicit and recognisable within the training package and do they reflect and not exceed the	Foundation skills are either explicit in the performance criteria or identified in the foundation skills field of the unit of competency.
foundation skills required in the workplace?	The foundation skills appear to reflect and not exceed those required in the workplace. The approach is clearly supported by industry in the case for endorsement.

Quality Report

Section 1 – Cover page

Information required	Detail
Training Package title and code	SHB Hairdressing and Beauty Training Package V3.0
Number of new qualifications and their titles ³	NIL
Number of revised qualifications and their titles	 One qualification: SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction One skill set: SHBSS00001 Intense Pulsed Light for Hair Reduction
Number of new units of competency and their titles	NIL
Number of revised units of competency and their titles	 Six units of competency (including assessment requirements): SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments SHBBHRS006 Design laser hair reduction treatment programs SHBBHRS008 Design intense pulsed light hair reduction treatment programs SHBBHRS007 Provide laser hair reduction treatments SHBBHRS009 Provide intense pulsed light hair reduction treatments SHBBHRS009 Investigate developments in cosmetic treatments using light and laser systems.

 $^{^{\}rm 3}$ When the number of training products is high the t*itles can be presented as an attached list.*

Information required	Detail
 Confirmation that the panel member is independent of: the Training Package or Training Package components review ('Yes' or 'No') development and/or validation activities associated with the Case for Endorsement ('Yes' or 'No') undertaking the Equity and/or Editorial Reports for the training package products that are the subject of this quality report ('Yes' or 'No') 	Yes
Confirmation of the Training Packages or components thereof being compliant with the <i>Standards for Training Packages 2012</i>	Yes, as indicated in responses to the following questions regarding Standards and Principles.
Confirmation of the Training Packages or components thereof being compliant with the <i>Training Package Products Policy</i>	As above
Confirmation of the Training Packages or components thereof being compliant with the <i>Training Package Development and</i> <i>Endorsement Process Policy</i>	As above

Information required	Detail
Panel member's view about whether: the evidence of consultation and validation process being fit for purpose and commensurate with the scope estimated impact of the proposed changes is sufficient and convincing 	As the Quality Report writer (subsequently referred to as 'the writer'), I can confidently report both dot points on the corresponding left hand side of this table, have been met, to a high standard. I make this statement having considered: • the following documents provided to me, by SkillsIQ:
Name of panel member completing Quality Report	Carol Saville, Words to Action
Date of completion of the Quality Report	14 th June 2018

Standards for Training Packages	Standard met 'yes' or 'no'	Evidence supporting the statement of compliance or noncompliance (including evidence from equity and editorial reports)
 Standard 1 Training Packages consist of the following: AISC endorsed components: qualifications units of competency assessment requirements (associated with each unit of competency) credit arrangements 2. One or more quality assured companion volumes 	Yes	 The Case for Endorsement, clearly sets out: the Qualification a Skills set Units of competency, and assessment requirements associated with each unit of competency. At the time of seeking endorsement for this Training Package, there are no national credit arrangements in place. The Companion Volume Implementation Guide supporting the SHB Hairdressing and Beauty Services Training Package V3.0: reflects the revised changes outlined above, and has been screened for quality assurance.
Standard 2 Training Package developers comply with the <i>Training Package Products</i> <i>Policy</i>	Yes	The writer has considered the documents listed on Page 3, and can confidently state the requirements of Standard 2 have been met. In addition, whilst the Quality Report is not required to make comment on skills sets (usually reserved for reporting on qualifications and units of competency), the writer considers it may be of value to make mention of the development of a skills set relating to intense pulsed light (IPL) treatment. The IPL skills set will enable therapists in West Australia, have access to quality training given state legislation confines the use of laser equipment, to registered medical practitioners alone.
Standard 3 Training Package developers comply with the AISC <i>Training Package</i> <i>Development and Endorsement</i> <i>Process Policy</i>	Yes	The Case for Endorsement and accompanying documents clearly demonstrate, the Training Package Developer has complied with this policy. In particular, letters of support and feedback provided by industry stakeholders attesting to the proposed revised training products addressing skills gaps in developments in aspects of hair and beauty industry which relate to hair reduction.

Section 2 – Compliance with the Standards for Training Packages 2012

Standards for Training Packages	Standard met 'yes' or 'no'	Evidence supporting the statement of compliance or noncompliance (including evidence from equity and editorial reports)
Standard 4	Yes	Well laid out and comprehensive in nature whilst responsive to industry requests.
Units of competency specify the standards of performance required in the workplace		
Standard 5	Yes	As indicated in the Editorial Report, the structure of units comply with the unit of competency template.
The structure of units of competency complies with the unit of competency template		
Standard 6 Assessment requirements specify the evidence and required conditions for assessment	Yes	Assessment requirements clearly expressed in accordance with industry requirements and as accepted by the Technical Advisory Committee.
Standard 7 Every unit of competency has associated assessment requirements. The structure of assessment requirements complies with the assessment requirements template	Yes	As indicated in the Editorial Report, each unit of competency has associated assessment requirements; and the structure of assessment requirements comply with the relevant template.
Standard 8 Qualifications comply with the Australian Qualifications Framework (AQF) specification for that qualification type	Yes	Qualification - SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction complies with the AQF specification (for Advanced Diploma level), and will supersede SIB70110 Graduate Certificate in IPL and Laser following AISC endorsement. (It is noted Industry has determined job outcomes in the revised Qualification are equivalent to the qualification which is being updated).
Standard 9 The structure of the information for the Australian Qualifications Framework qualification complies with the qualification template	Yes	Congruent with the response provided in the Editorial Report, the structure of the qualification complies with the qualification template.

Standards for Training Packages	Standard met 'yes' or 'no'	Evidence supporting the statement of compliance or noncompliance (including evidence from equity and editorial reports)
Standard 10 Credit arrangements existing between Training Package qualifications and Higher Education qualifications are listed in a format that complies with the credit arrangements template	No	There are no credit arrangements in place at this time.
Standard 11 A quality assured companion volume implementation guide produced by the Training Package developer is available at the time of endorsement and complies with the companion volume implementation guide template.	Yes	The writer has sighted and considered a revised Companion Volume Implementation Guide (CVIG), which is understood will be submitted as part of the endorsement process and ready for use following endorsement of the qualification and units of competency. The CVIG complies with the relevant template and has been through a quality assurance process.
Standard 12 Training Package developers produce other quality assured companion volumes to meet the needs of their stakeholders as required.	Yes	Whilst those elements of the CVIG relating to 'hair reduction treatments' have been updated in the current CVIG, the writer is reliably informed by SkillsIQ Limited, a Case for Change is currently being developed which following approval, will inform a full review of the SHB Hairdressing and Beauty Services Training Package V3.0. At this time the CVIG will also undergo revision to complement the newly revised training package.

Section 3 – Compliance with the training package quality principles

Note: not all training package quality principles might be applicable to every training package or its components. Please provide a supporting statement/evidence of compliance or non-compliance against each principle.

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance/non compliance with the quality principle Please see examples of evidence in the <i>Training Package</i> <i>Development and Endorsement Process Policy</i>
Driven by industry's needs	Yes	Informed by industry's expressed need, this work has been undertaken under direction of the Personal Services Industry Reference Committee (PSIRC).
Compliant and responds to government policy initiatives Training package component responds to the COAG Industry and Skills Council's (CISC) training package-related initiatives or directions, in particular the 2015 training package reforms. Please specify which of the following CISC reforms are relevant to the training product and identify supporting evidence: • ensure obsolete and superfluous qualifications are removed from the system • ensure that more information about industry's expectations of training delivery is available to training providers to improve their delivery and to consumers to enable more informed course choices • ensure that the training system better supports individuals to move easily from one related occupation to another	Yes	 Activity Order, Reference Number SkillsIQ/TPD/2016-17/005, provides direction and context on behalf of PSIRC, to Skills IQ Limited which has resulted in the preparation of draft qualification - SHB60118 Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction. The Case for Endorsement: addresses a range of technology, system and service delivery developments in hair removal treatments since the existing qualification was first developed over eight years ago strengthens assessments and assessor requirements better reflects industry requirements improves alignment to AQF, and provides for national implementation. The qualification and units of competency (UoC), are all revised. There are no obsolete or superfluous qualifications at this time. Given the very specific nature of the qualification and units, it is unlikely they can be used in other industries however this does not take away from practitioners in the hair and beauty industry broadening skills, knowledge and expertise through the completion of this qualification. As indicated earlier, the design of the IPL skills set provides for therapists in West Australia to be able to have access to quality training in intense pulsed light treatments. This recognises state legislation which requires the users of laser equipment to hold a medical qualification.

Quality principle 1. Reflect identified workforce outcomes

• improve the efficiency of the training system by creating units that can be owned and used by multiple industry sectors		
 foster greater recognition of skill sets 		
Reflect contemporary work organisation and job profiles incorporating a future orientation	Yes	Following extensive consultation and the distribution of a survey instrument, the IRC and SSO have sought to respond to increased consumer demand for safe and quality hair removal treatments conducted by trained therapists. Input has also been provided by employer stakeholders.

Quality principle 2: Support portability of skills and competencies including reflecting licensing and regulatory requirements

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package</i> <i>Development and Endorsement Process Policy</i>
Support movement of skills within and across organisations and sectors	Yes	200 respondents to the skills and workforce survey have provided current information which has informed the review of the qualification and units of competency. Given the specialist nature of the qualification, this will provide for individuals to expand expertise and enable movement across the hair and beauty industry.
Promote national and international portability		SkillsIQ Limited, have ensured units of competency align with the recently endorsed AS/NZS4173:2018 Safe use of lasers and intense light sources in health care.
Reflect regulatory requirements and licensing		Whilst there appears to be a lack of national regulations specific to light and laser treatments, assessment requirements outline the need to comply with a range of other legislation and regulations. These cover areas such as general employment law, health and safety and state-based law, regulatory requirements and licensing. In the case of Tasmania, operators of laser equipment are required to be registered with the Department of Health - as indicated in Case for Endorsement and the CVIG. Mention has already been made of one aspect of West Australian legislation whilst other information is outlined in the Case for Endorsement and CVIG.

Quality principle 3: Reflect national agreement about the core transferable skills and core job-specific skills required for job roles as identified by industry

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package</i> <i>Development and Endorsement Process Policy</i>
Reflect national consensus	Yes	 SkillsIQ Limited, conducted a range of consultation activities aimed at surfacing issues and engaging stakeholders, nationally and which included: advertisements in industry magazine national consultation workshops and webinars face to face meetings receiving submissions on-line feedback posting survey results. Minutes of TAC meetings and validation reports attest to broad range of input, discussion and resolution. Letters of support from stakeholders and members of the TAC demonstrate industry support in relation to: sufficient opportunity provided: citing skills gaps and areas in need of further support as well as commentary on draft qualifications and units of competency on-going commitment to supporting a national training package and continuing to provide industry intelligence.
Recognise convergence and connectivity of skills	Yes	Validation reports provided feedback to stakeholders on progress.

Quality principle 4: Be flexible to meet the diversity of individual and employer needs including the capacity to adapt to changing job roles and workplaces

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package</i> <i>Development and Endorsement Process Policy</i>
Meet the diversity of individual and employer needs	Yes	The writer concurs with the Equity Report and points to evidence provided by industry in support of changes outlined in the Case for Endorsement. The extensive industry engagement and consultation process provided for individual employer needs to be tabled and considered.

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package</i> <i>Development and Endorsement Process Policy</i>
Support equitable access and progression of learners	Yes	The hair and beauty industry, is indeed very broad with a range of qualifications available to entry level learners which subsequently provide a pathway to the Diploma of Beauty Therapy. The Diploma continues the pathway to the Advanced Diploma of Intense Pulsed Light and Laser for Hair Reduction. The Equity Report points out The Diploma of Beauty Therapy, together with 12 months post-qualification experience as a beauty therapist, is one of two entry requirements to the Advanced Diploma, the other being a qualification as an Enrolled Nurse or Registered Nurse together with 12 months experience. These requirements are deemed necessary by the industry given the high-risk and specialised nature of the work. Pre-requisite units of competency used have been minimised and whilst four of the six units require a pre-requisite - it is the same unit in each case - SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments'.

Quality principle 5: Facilitate recognition of an individual's skills and knowledge and support movement between the school, vocational education and higher education sectors

Please see examples of evidence in the <i>Training Package</i> Development and Endorsement Process Policy
The Advanced Diploma requires learners to have a minimum of twelve months experience following the awarding of one of three qualifications indicated in the Case for Endorsement. This deems the qualification unsuitable for entry level learners. Conversely, a learning pathway to be encouraged and supported could be progression to a business and

Quality principle 6: Support interpretation by training providers and others through the use of simple, concise language and clear articulation of assessment requirements

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package</i> <i>Development and Endorsement Process Policy</i>
Support implementation across a range of settings	Yes	The SHB Hairdressing and Beauty Services Training CVIG provides clear advice about training delivery and assessment and a revised version will be available at the same time as the release of the endorsed training package.
Support sound assessment practice	Yes	Units of Competency comply with the Training Standards and provide extensive information supporting sound assessment practice.
Support implementation	Yes	Training products comply with the TGA/National Register requirements for publication, as confirmed by the SSO. The revised CVIG will be ready for publication at the same time as the Training Package.

Appendix F: Copy of Training Package Products proposed for endorsement

QUALIFICATION CODE	SHB60118		
QUALIFICATION TITLE	Advanced Diploma in Intense Pulsed Light and Laser for Hair Reduction		
QUALIFICATION DESCRIPTION	This qualification reflects the role of individuals who apply substantial specialised knowledge and skills to design and safely apply non-ionising radiation treatments using intense pulsed light and laser technologies to reduce unwanted hair on the face and body.		
	In this role they make complex, independent judgements in consulting with clients and analysing their skin and hair characteristics, designing and evaluating intense pulsed light and laser hair reduction treatment programs, selecting and using appropriate technology, and applying it within the context of safe client and operator practices and in compliance with regulatory requirements.		
	Ongoing technological developments in this area of practice require the use of broad knowledge and the identification, analysis and evaluation of information from a variety of sources to build personal capability.		
	Practice may be undertaken in a salon or clinic in the beauty industry or in other settings where cosmetic laser hair reduction services are offered.		
	The use of intense pulsed light and laser is subject to legislation, regulation and licensing in some Australian states and territories.		
ENTRY REQUIREMENTS	 Entry to this qualification is open to individuals who: have achieved a Diploma of Beauty Therapy; AND have 12 months post-qualification experience as a beauty therapist with a primary focus on providing facial services, skin services and hair reduction services; OR are an Enrolled Nurse or Registered Nurse; AND have 12 months post-qualification experience in the 		
	application of knowledge in human biology, anatomy and physiology.		
PACKAGING RULES	7 core units must be completed.		
CORE UNITS	Core Units SHBBHRS005 Identify and control safety risks for intense		
	pulsed light and laser hair reduction SHBBHRS006 Design laser hair reduction treatment programs		
	SHBBHRS007 Provide laser hair reduction treatments		

	SHBBHRS008	Design intense pulsed light hair reduction treatment programs
	SHBBHRS009	Provide intense pulsed light hair reduction treatments
	SHBBRES002	Investigate developments in cosmetic treatments using light and laser systems
	SHBBINF001	Maintain infection control standards
ELECTIVE UNITS	No elective units.	
QUALIFICATION MAPPING INFORMATION	SIB70110 Gradua Laser Hair Reduc	te Certificate in Intense Pulsed Light and tion
LINKS	Companion Volun	ne Implementation Guide

UNIT CODE	SHBBHRS005	
UNIT TITLE	Identify and control safety risks for intense pulsed light and laser hair reduction treatments	
APPLICATION	This unit describes the performance outcomes, skills and knowledge required to identify, eliminate or control health and safety risks and hazards associated with the use of intense pulsed light and laser for hair reduction. It requires the ability to assess risks and hazards, and determine suitable action to eliminate or control safety risks.	
	This unit applies to individuals working in a diverse range of beauty industry sectors and business contexts where intense pulsed light and laser equipment is used to provide hair reduction treatments. It applies to practitioners operating independently, under limited supervision of others and within established organisational policies and procedures. It may also apply to non-practitioners such as business owners, franchise owners and front desk staff.	
	 The unit reflects the safety guidelines, for a broad range of clinic intense pulsed light and laser dermal applications, expressed in the following Australian and New Zealand safety standards, current at the time of publication: AS/NZS 4173:2018 Safe use of lasers and intense light sources in health care AS/NZS IEC 60825.1:2014 Safety of laser products – Part 1: Equipment classification and requirements AS/NZS 1336:2014 Eye and face protection – Guidelines. 	
	The use of intense pulsed light and laser is subject to legislation, regulation and licensing in some Australian states and territories.	
PREREQUISTE UNIT	Nil	
	Hair Reduction Services	
	Beauty	
ELEMENTS Elements describe the	PERFORMANCE CRITERIA	
essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.	
 Identify health and safety requirements for intense pulsed light and laser hair reduction treatments. 	 1.1. Interpret workplace policies and procedures to identify workplace health and safety requirements for provision of intense pulsed light and laser hair reduction treatments. 1.2. Interpret legislative, regulatory, compliance and licencing information to identify regulatory health and safety requirements for the provision of intense pulsed light and laser hair reduction treatments. 1.3. Interpret industry and safety standard information to identify industry and standard health and safety requirements for the provision of intense pulsed light and laser hair reduction treatments. 	

		1.4. Identify safety hazards related to features and functions of equipment used in intense pulsed light and laser hair reduction treatments.
2.	Assess and control safety risks in the treatment environment.	 2.1. Complete equipment maintenance checks as per organisational requirements and manufacturer instructions. 2.2. Comply with manufacturer instructions, safety data sheets and workplace policies and procedures to ensure correct functioning of intense pulsed light and laser equipment. 2.3. Review logs to confirm routine maintenance of intense pulsed light and laser equipment. 2.4. Troubleshoot, report and escalate equipment and treatment safety issues according to workplace policies and procedures. 2.5. Report and document equipment failures and faults to relevant personnel. 2.6. Check window coverings, hazard and warning signs to ensure they are correctly installed and used according to workplace policies and procedures and procedures and procedures and procedures and legislative requirements. 2.7. Check treatment environment to ensure it is fitted with required plume extractor and smoke evacuation systems that provide safe ventilation according to current standards and workplace policies and procedures. 2.8. Identify and remove potentially flammable and correctly maintained. 2.10. Prepare treatment area to minimise risk of laser treatment fire hazard associated with reflective equipment 2.11. Complete clinical procedure checklists and records according to federal, state or territory and local legislation, regulations and workplace policies and procedures. 2.12. Clean, sanitise and store equipment according to manufacturer instructions and workplace policies and
3.	Assess and control safety risks to practitioner and client.	 procedures. 3.1. Identify actual and potential safety hazards and assess risks that may pose harm to the health and safety of practitioner, client and others who may be present during treatment. 3.2. Use correct personal protective equipment for practitioner, client and others who may be present during treatment.
4.	Respond to health and safety risks.	 4.1. Complete on-the-spot risk assessment and determine action and control measures to avoid injury to practitioner, client and others who may be present during treatment. 4.2. Take action to control safety risks within scope of own responsibility or refer to appropriate personnel for action. 4.3. Complete reporting and documentation according to workplace policies and procedures.

FOUNDATION SKILLS		
Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.		
SKILLS	DESCRIPTION	
Reading skills to:	 interpret both familiar and unfamiliar, and sometimes complex documents: workplace policies and procedures materials describing industry and regulatory requirements of intense pulsed light and laser hair reduction non-ionising radiation safety protection plan manufacturer instructions for the safe use, maintenance and storage of intense pulsed light and laser light and laser equipment. 	
Numeracy skills to:	 comprehend units of measurement related to laser and intense pulsed light apparatus. 	
UNIT MAPPING INFORMATION	No equivalent unit.	
LINKS	Companion Volume Implementation Guide	

	Approximant Dequirements for CLIDDLIDCOOF Identify and	
TITLE	Assessment Requirements for SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair	
	reduction treatments	
PERFORMANCE	Evidence of the ability to complete tasks outlined in elements	
EVIDENCE	and performance criteria of this unit in the context of the job	
	role, and:	
	identify three safety hazards and complete three risk	
	assessments in at least one of the following:	
	 an intense pulsed light treatment environment a laser treatment environment 	
	 develop, implement and maintain safety practices and risk control measures to respond to safety hazards associated 	
	with use of at least one of the following:	
	 intense pulsed light 	
	 laser 	
	 for the above, record the following: 	
	 workplace documentation and checks for the 	
	maintenance of equipment	
	 workplace health and safety reporting related to 	
	intense pulsed light or laser hair reduction treatments	
	 during risk assessments, follow workplace policies and 	
	procedures, non-ionising radiation safety protection plan	
	and relevant state or territory laws, codes and guidelines	
	related to the use of intense pulsed light and laser for hair	
	reduction.	
KNOWLEDGE	Demonstrated knowledge required to complete the tasks	
EVIDENCE	outlined in elements and performance criteria of this unit:	
	key aspects of current legislation, regulation and industry	
	standards and guidelines relevant to intense pulsed light	
	and laser hair reduction treatments:	
	 laser classification and hazard analysis maintenance and auditing of facilities 	
	 maintenance and auditing of facilities equipment inspection and maintenance protocols 	
	 equipment inspection and maintenance protocols investigation and management of intense pulsed light 	
	and laser incidents	
	 personal protective equipment 	
	 potential protective equipment potential for fire and explosion and protection against 	
	flammability hazards	
	 management of airborne contaminants 	
	 electrical safety laser controlled treatment areas: 	
	- designation	
	- warning signs	
	- entry controls	
	- control of access to the laser	
	 safety of intense pulsed light and laser products equipment classification 	
	 safe use of intense pulsed light and laser equipment 	
	 intense pulsed light and laser hazards: 	
	 Interise puised light and laser hazards. beam hazards 	
	- non-beam hazards	
	 risk and hazard management including risk 	
	assessment	
	 hierarchy of hazard control: 	
	- engineering controls	
1		

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	- administration controls
	 personal protective equipment
	 quality assurance testing and preventive
	maintenance - safe work practices
	•
•	 workplace work health and safety policies: procedures for:
	 procedures for: identifying hazards
	- assessing risk
	- controlling risk
	 non-ionising radiation safety protection plan
	 ergonomics
	types of safety hazards related to intense pulsed light and
•	laser hair reduction and associated control measures:
	 ocular and skin
	 equipment specific
	 reflected beams
	 fire, explosive, electrical and environmental
•	control measures applied to minimise health and safety
	risks during intense pulsed and laser hair reduction
	treatments:
	 pre-treatment patch testing
	 personal protective equipment:
	- eye protection
	- masks
	- gowns
	- gloves
	 ventilation systems
	 filtering and exhaust systems
	 window coverings
	 draping of treatment environment
•	equipment preventive maintenance:
	 documentation, including:
	 equipment safety standards
	 equipment service history
	 schedule for recommended testing and
	maintenance
	• regular testing
•	biophysics of laser and intense pulsed light technologies
	as outlined in AS/NZS 4173:2018, Safe use of lasers and intense light sources in health care or its replacement
	<i>intense light sources in health care</i> or its replacement how light energy interacts with skin and hair
•	physics of light related to intense pulsed light and laser
	treatments:
	• energy forms
	 electromagnetic spectrum
	 optical region of the electromagnetic spectrum
	 wavelengths
	 characteristics of a wave
	operational characteristics of lasers:
	 programmable systems
	 basic set-up (manual choice)
	 generation of laser beam and propagation of light
	generation of lacer boarn and propagation of light

	 characteristics of laser beams
	 properties of different types of lasers
	 optical pathways
	 delivery systems and applicators used for hair
	reduction
	operational characteristics of intense pulsed light
	apparatus:
	 programmable systems
	 basic set-up (manual choice)
	 powerful systems
	 significantly lower power systems
	 common differences in imported systems
	 chilled sapphire or similar optical substance head
	 non-chilled sapphire head
	 non-laser light source
	 characteristics of flashlamp
	 capacitors - free discharge and partial discharge
	 different filters
	 properties of intense pulsed light equipment
	laser controls:
	 emergency control
	 delivery systems
	 ionising and non-ionising radiation
	 parameters that effect the delivery of light:
	 spectrum of delivered wavelengths as determined by
	cut-off filters
	 number of delivered pulses, including single and
	multiple pulsed shots
	 pulse duration in milliseconds
	 delay between pulses in milliseconds
	 delivered fluence
	 laser hazards.
ASSESSMENT	Skills must be demonstrated in:
CONDITIONS	an industry workplace, or
	a simulated industry environment.
	Assessment must ensure access to:
	 documentation related to intense pulsed light and laser
	treatments:
	 workplace policies and procedures
	 workplace reporting documentation and templates
	 current standards and guidelines: AC/NZC 4472:2019 Sets use of leasers and interest
	 AS/NZS 4173:2018 Safe use of lasers and intense light sources in health care
	light sources in health care
	 AS/NZS IEC 60825.1:2014 Safety of laser products Part 1: Equipment classifications and
	requirements
	- AS/NZS 1336:2014 Eye and face protection -
	Guidelines
	 key aspects of relevant local, federal, state or territory,
	legislation and regulations relating to use of intense
	pulsed light and laser for hair reduction
	 manufacturer instructions and safety data sheets
	manufacturer instructions and safety data sheets

	 non-ionising radiation safety protection plan
	a clinical treatment area:
	 as per relevant state or territory legislation either, or
	both, of the following:
	- a radiation warning sign
	 an illuminated light above door non-flammable screens fitted inside all windows to
	 non-flammable screens fitted inside all windows to protect a person outside window from non-ionising
	radiation levels greater than maximum permissible
	exposure from radiation
	 ventilation designed to ensure that airborne hazards
	are not passed downstream in air handling or exhaust
	system
	 fire extinguishing equipment
	 sufficient clinical lighting
	 eye protection equipment for practitioners and clients
	compliant with AS/NZS 1336:2014 Eye and face
	protection – Guidelines
	 disposable masks
	• equipment which, when energised, can emit an amount of
	non-ionising radiation higher than accessible limit for a
	Class 3B laser for relevant period stated in, and measured
	in accordance with, laser standards AS2211. This must
	include a Class 4 laser or equivalent in the case of IPL.
	one or more of the following:
	 cosmetic laser equipment that:
	- can treat Fitzpatrick skin types one to six
	 is registered for purpose on the Australian Register of Therapeutic Goods
	 intense pulsed light equipment that is registered for
	purpose on the Australian Register of Therapeutic
	Goods and has one or more of the following
	characteristics:
	- programmable
	- manual
	- multiple pulsed shots
	- single pulsed shots
	 appropriate cooling delivery systems
	 one or minimal choice of filters
	- multiple filters
	activities that require the individual to work within
	commercially realistic timing and productivity.
	Assessors must satisfy the Standards for Registered Training
	Organisations' requirements for assessors, and:
	 have at least three years' experience in operating laser
	equipment; OR
	 have at least three years' experience in operating intense
	pulsed light equipment.
LINKS	Companion Volume Implementation Guide

UNIT CODE	SHBBHRS006	
UNIT TITLE	Design laser hair reduction treatment programs	
APPLICATION	This unit describes the performance outcomes, skills and knowledge required to design laser hair reduction treatment programs to reduce unwanted hair on the face and body. It requires the ability to consult with clients, determine client suitability for laser hair reduction treatments and design treatment programs based on client needs.	
	This unit applies to laser practitioners working in a diverse range of beauty industry sectors and business contexts who design staged treatment programs for multiple treatments that will safely achieve optimal hair reduction outcomes for the client. These individuals operate independently, under limited supervision of others and within established organisational policies and procedures.	
	 The unit reflects the safety guidelines, for a broad range of clinical laser dermal applications, expressed in the following Australian and New Zealand Standards, current at the time of publication: AS/NZS 4173:2018 Safe use of lasers and intense light 	
	 AS/NZS IEC 60825.1:2014 Safety of laser products – Part 1: Equipment classifications and requirements AS/NZS 1336:2014 Eye and face protection - Guidelines. 	
	The use of laser is subject to legislation, regulation and licensing in some Australian states and territories.	
PREREQUISTE UNIT	SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments	
COMPETENCY FIELD	Hair Reduction Services	
UNIT SECTOR	Beauty	

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
 Consult with client on hair reduction requirements. 	 1.1. Determine, through discussion and questioning, client hair reduction requirements and preferences. 1.2. Administer and collect client consultation form. 1.3. Review client medical and treatment history to identify factors impacting or prohibiting suitability for treatment. 1.4. Use diagnostic tools and observation techniques to determine client Fitzpatrick skin type and characteristics. 1.5. Discuss treatment suitability, options and limitations with client. 1.6. Advise client on treatment procedure, outcomes, and possible effects and after care. 1.7. Encourage client questions and check client understanding of treatment procedure, outcomes, and possible effects and self-care.
2. Determine contraindications to treatment.	 2.1. Consult with and visually observe client to identify and determine impact of contraindications. 2.2. Determine non-medical precautions for non-medical contraindications and explain to client. 2.3. Advise client to seek and provide signed proof of medical release for medical contraindications and medical precautions prior to treatment.
3. Prepare self and client for patch test.	 3.1. Check treatment environment is correctly organised and free from safety risks and hazards. 3.2. Confirm completion of risk assessment and equipment checks and take any required corrective action. 3.3. Set up equipment and check to ensure correct functioning as per manufacturer instructions and safe practice protocols. 3.4. Cleanse and prepare treatment area and sanitise equipment prior to use on client. 3.5. Instruct client to prepare for patch testing, check client comfort and make any required adjustments to ensure client comfort. 3.6. Identify jewellery worn by self and client and remove, or where not removable, tape according to workplace procedures. 3.7. Fit and adjust personal protective equipment, including eye protection, to self, client and others who may be present during treatment. 3.8. Explain patch test process and likely sensations to client to ensure client comfort. 3.9. Select and prepare patch test area within proposed treatment area.
4. Complete patch test.	4.1. Follow workplace policies and procedures, non- ionising radiation safety plan and legislative requirements to complete laser patch test.

 Design treatment program. 	 4.2. Select energy settings (fluence) based on outcomes of client consultation and apply a small number of pulses to test area. 4.3. Record energy settings and observe immediate reactions looking for an end point to assist in designing safe and effective treatment. 4.4. Identify and respond immediately to adverse reactions by stopping treatment and explaining reason for stoppage to client. 4.5. Select and apply post-treatment skin cooling products according to client reaction to patch test. 4.6. Wait length of time specified in organisational policy and observe and record skin response. 5.1. Determine treatment type and program according to outcomes of client consultation and patch test, and within safe practice protocols. 5.2. Discuss proposed treatment program, expected results and risks with client. 5.3. Communicate pre-treatment and post-treatment
	precautions and care, and ask questions to confirm
	client understanding.
	5.4. Discuss role and responsibilities of the practitioner
	and the client and gain client agreement to client responsibilities.
	5.5. Identify need for and take and store photographs of
	hair reduction pre-treatment area according to
	workplace policies and procedures.
	5.6. Discuss and select treatment evaluation strategies
	with client. 5.7. Finalise and document treatment program and gain
	signed client consent.
FOUNDATION SKILLS	
here, along with a brief context s	
SKILLS	DESCRIPTION
Reading skills to:	 interpret both familiar and unfamiliar, and sometimes complex documents:
	 workplace policies and procedures non-ionicies rediction protection plan
	 non-ionising radiation safety protection plan materials describing industry standards and regulatory
	requirements of laser hair reduction
	 manufacturer instructions for the safe use,
	maintenance and storage of laser equipment.
Writing skills to:	clearly and correctly document client treatment programs.
Oral communications skills to:	 respond to client questions and provide information to client, throughout consultation process.
Numeracy skills to:	client, throughout consultation process.calculate treatment parameters for use in treatment
TRUTTOTACY SKIIS LU.	 calculate treatment parameters for use in treatment sessions.
Problem-solving skills to:	 respond to contraindications and adverse effects to minimise risk and ensure client safety.
UNIT MAPPING INFORMATION	No equivalent unit.
LINKS	Companion Volume Implementation Guide

TITLE	Assessment Requirements for SHBBHRS006 Design laser
	•
PERFORMANCE EVIDENCE	 hair reduction treatment programs Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and: consult with at least three different clients, each with different Fitzpatrick skin types and hair reduction needs for each client, complete patch tests on each body area proposed for hair reduction, and evaluate results design and document a staged laser treatment program for each of the above clients and cumulatively develop programs for the following body areas: back and neck Brazilian chest
	 facial area
	 arms or legs
	 underarm for at least one of the above consultations, test patches must be with a Fitzpatrick 5 or 6
	 record information obtained through all client consultation, observation and patch testing; as specified in the Knowledge Evidence
	 during all consultations and patch tests, consistently follow workplace policies and procedures, non-ionising radiation safety plan and relevant state or territory laws, codes and guidelines related to the use of laser for hair reduction.
KNOWLEDGE	Demonstrated knowledge required to complete the tasks
EVIDENCE	 outlined in elements and performance criteria of this unit: current local state or territory health legislation, regulation and industry standards and guidelines relevant to laser hair reduction treatments: non-ionising radiation protection skin penetration work health and safety practitioner's legal and insurance liabilities and responsibilities for laser treatment: role and importance of indemnity insurance potential risks, liabilities and consequences of non- coverage responsibilities of practitioner and client related to safe and responsible laser hair reduction treatments workplace policies and procedures related to laser hair reduction treatments, including those for treating minors workplace laser safety protection plan information to be obtained and recorded during client consultation and observation: client details consent from parent or guardian for treatment of minors when required client needs and expectations consent for collection of personal information and photographic content, when required

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	 family history of skin cancer
	 medical history, conditions, allergies and medications
	 treatment history
	 presence of tattoos and other artificial pigment
	 vitamins and supplements
	 sun exposure and reactions
	 treatment area
	 Fitzpatrick skin type
	 skin characteristics and condition
	 hair characteristics
	 treatment types and equipment settings
	 signed client informed consent for treatment
	 signed medical release, when required
	 pre-treatment photographs, when required
	 patch test results
	 information to be provided during client consultation and observation:
	 self-care instructions and precautions
	 likely results and effects
	 risks
	 information to manage client expectations
	 a workplace pre-treatment handout to the client
	• types of laser equipment commonly used within industry
	and accepted by industry standards, their recommended
	use and application
	 types of equipment used in hair reduction and their actions on pigmented hair and on skin
	 diagnostic equipment and tools
	 principles of light energy and how it interacts with skin and hair
	• factors impacting client suitability for laser treatments and
	their associated risks, benefits and required action
	 client characteristics and their relationship to laser hair
	reduction treatments:
	 Fitzpatrick skin type one to six
	• hair colour:
	- dark
	- medium
	- pale
	◦ hair type:
	- lanugo, vellus, terminal
	- ingrown
	∘ skin type:
	- dry/alipid/lipid dry
	- oily/lipid
	- diffused red
	 difference between male and female skin and hair
	types
	 specific hair reduction treatment areas
	 pain tolerance
	• heat tolerance
	 medical history:
	 existing medical conditions

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	- previous medical conditions
	- medications
•	six Fitzpatrick skin types:
	 apparent versus underlying skin type
	 appearance and identification
	• features
	 responses to tanning
•	hair structure and growth:
	 factors affecting hair growth:
	- hormonal:
	(1) topical
	(2) systemic
	- exposure to sunlight
	- heredity
	- drugs and chemicals
	 hair growth patterns and cycle and impact of laser hair reduction treatments
	 histology of hair
•	factors which can stimulate hair growth and areas which may be affected:
	• hormones
	• illness
	 medications
•	anatomy and physiology of the skin and skin structures as related to laser hair reduction treatments:
	 normal process of skin ageing and structural change
	 normal skin response to irritation and trauma
	 scars, including hypertrophic and keloid, their origin
	and evolution, and abnormal scar tissue
	 causes of skin damage
	 effects of laser treatments on physical structure of the skin
	 wound healing in different skin types and locations
	 tissue interaction with laser hair reduction treatments
	• chromophores
	 melanin absorption
•	contraindications and their relationship to laser hair
	reduction treatments:
	 pre-treatment sun exposure
	 artificially tanned skin
	• pregnancy
	 some herbal remedies
	 active herpes simplex
	• active impetigo
	• active eczema
	• active acne
	 photo-sensitive medication
	 hypertrophic and keloid scars
	 artificial pigment in the treatment area
	 psoriasis in the treatment area
	 certain circulatory conditions
	 inappropriate hair type and colour
•	for the above listed contraindications:

 appearance and identification required action and treatment precautions instances where treatment should not occur instances where recommendation to seek advice of other professionals should be provided appearance of pigmented skin lesions and referral to medical professionals medical contraindications, their relationship to laser hair
 reduction treatments, and required action and treatment precautions: conditions already being treated by a general practitioner, dermatologist or skin therapist medical oedema recent surgery diabetes asthma epilepsy
 effects of laser hair reduction treatments and associated responses and control measures: paradoxical increased hair growth temporary heat temporary localised pain erythema causes of, appearance and management of specific
 treatment reactions or adverse effects: hypopigmentation hyperpigmentation blistering scarring and textural changes perifollicular oedema perifollicular erythema infections of the hair follicle
 burns to skin factors impacting treatment planning, their effect and appropriate responses: body temperature patch test results skin healing skin reaction follicle distribution areas treated
 extent of area to be treated hypertrophic and keloid scarring outcomes of previous treatments pain tolerance wound healing client post-treatment care requirements: avoidance of: sun exposure topical tanning agents chlorine found in spas and pools

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	 other phototherapy concurrent with a laser hair
	reduction treatment program
	 activity that raises body temperature
	 application of sunscreen to treatment area
	 post-treatment care and advice for the treatment area
	 precautions related to:
	- tweezing
	- waxing
	 bleaching sunbathing
	 sunbathing solarium treatments
	- use of depilatory creams
	- electrolysis
	- use of self-tanning products
	post-treatment care procedures:
	 low-frequency laser
	 healing products
	 cooling products:
	- cold compress
	- cryogen sprays
	- cold gels
•	use of light-emitting diodes (LED) in treating adverse
	effects
•	patch test evaluation strategies:
	• discussing and reviewing response to treatment
	• taking photographs of treatment area before and after
	treatment
	 reviewing achievement of treatment goals
	 monitoring time frame for achievement of treatment
	goals
•	key inclusions of a treatment program:
	 treatment area
	 follicle type and distribution
	 hair type
	 planned treatment parameters based on patch test
	results:
	- wavelengths to be used
	- pulse duration
	- energy settings (fluence)
	- treatment duration
	• products
	equipment follow up procedures
	 follow-up procedures after agra advise and pressutions
	 after care advice and precautions observed contraindications
	 relevant medical history and medications signed medical release
	 signed medical release automos of provious temporary and permanent hair
	 outcomes of previous temporary and permanent hair reduction treatments
	 before and after photographs, and when they are
	required
	 client consent.

Assessment must be directly observed, in person, for the to duration of each laser client consultation and patch test, by assessors who meet the assessor requirements outlined below. Assessment must ensure access to: • documentation relevant to designing laser hair reduction	Skills must be demonstrated in a simulated laser hair reduction clinical workplace environment set up for the
 duration of each laser client consultation and patch test, by assessors who meet the assessor requirements outlined below. Assessment must ensure access to: documentation relevant to designing laser hair reduction 	purposes of assessment.
 documentation relevant to designing laser hair reduction 	assessors who meet the assessor requirements outlined
 workplace policies and procedures workplace reporting documentation and templates treatment program templates current safety standards and guidelines key aspects of federal, state or territory, and local ac and regulations relating to use of laser for hair reduction non-ionising radiation safety protection plan laser equipment which: when energised, can emit an amount of non-ionising radiation higher than accessible limit for a Class 3B laser for the relevant period stated in, and measured accordance with, the laser standard AS2211 which can treat Fitzpatrick skin types one to six is registered for purpose on the Australian Register of Therapeutic Goods laser clinical treatment environment that includes: as per relevant state or territory legislation either, or both, of the following: a radiation warning sign an illuminated light above door non-flammable screens fitted inside windows to prot a person outside the window from non-ionising radiation levels greater than maximum permissible exposure from radiation ventilation designed to ensure that airborne hazards are not passed downstream in air handling and exhaust system fire extinguishing equipment eye protection equipment for practitioners and client compliant with AS/NZS 1336:2014 disposable gloves sufficient, clinical lighting cooling post-treatment products real people with different Fitzpatrick skin types seeki hair reduction treatments on different areas of the fa and body 	 Assessment must ensure access to: documentation relevant to designing laser hair reduction treatment programs: workplace policies and procedures workplace reporting documentation and templates treatment program templates current safety standards and guidelines key aspects of federal, state or territory, and local acts and regulations relating to use of laser for hair reduction non-ionising radiation safety protection plan laser equipment which: when energised, can emit an amount of non-ionising radiation higher than accessible limit for a Class 3B laser for the relevant period stated in, and measured in accordance with, the laser standard AS2211 which can treat Fitzpatrick skin types one to six is registered for purpose on the Australian Register of Therapeutic Goods laser clinical treatment environment that includes: as per relevant state or territory legislation either, or both, of the following: a radiation warning sign an illuminated light above door non-flammable screens fitted inside windows to protect a person outside the window from non-ionising radiation levels greater than maximum permissible exposure from radiation ventilation designed to ensure that airborne hazards are not passed downstream in air handling and exhaust system fire extinguishing equipment eye protection equipment for practitioners and clients compliant with AS/NZS 1336:2014 disposable masks disposable masks disposable masks cooling post-treatment products real people with different Fitzpatrick skin types seeking hair reduction treatments on different areas of the face and body

	 Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and: have at least three years' experience in operating laser equipment.
LINKS	Companion Volume Implementation Guide

UNIT CODE	SHBBHRS007
UNIT TITLE	Provide laser hair reduction treatments
APPLICATION	This unit describes the performance outcomes, skills and knowledge required to safely provide laser hair reduction treatments to reduce unwanted hair on the face and body. It requires the ability to follow an agreed treatment program, monitor and modify treatments in response the client's skin and hair reactions, and assess treatment results. This unit applies to laser practitioners working in a diverse range of beauty industry sectors and business contexts who provide laser hair reduction treatments. These individuals operate independently, under limited supervision of others and within established organisational policies and procedures. The unit reflects the safety guidelines, for a broad range of laser dermal applications, expressed in the following Australian
	 and New Zealand Standards. current at the time of publication: AS/NZS 4173:2018 Safe use of lasers and intense light sources in health care AS/NZS IEC 60825.1:2014 Safety of laser products – Part 1: Equipment classifications and requirements AS/NZS 1336:2014 Eye and face protection - Guidelines. The use of laser is subject to legislation, regulation and
PREREQUISTE UNIT	licensing in some Australian States and Territories. SHBBHRS005 Identify and control safety risks for intense
COMPETENCY FIELD	pulsed light and laser hair reduction treatments Hair Reduction Services
UNIT SECTOR	Beauty
ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
 Prepare treatment environment and equipment. 	 1.1. Access and review agreed client treatment program to determine requirements for individual treatment. 1.2. Check that treatment environment is correctly organised and free from safety risks and hazards. 1.3. Confirm completion of risk assessment and equipment checks and take any required corrective action. 1.4. Set up equipment and check to ensure correct functioning as per manufacturer instructions, and safe practice protocols. 1.5. Cleanse and prepare treatment area and sanitise equipment prior to use on client. 1.6. Complete workplace and pre-treatment documentation required for treatment environment and equipment preparation.
2. Prepare self and client.	 2.1. Identify need for and receive signed medical approval to proceed with treatment from client. 2.2. Confirm treatment program with client.

	 2.3. Determine, through discussion and questioning, changes to client medical history and contraindications arising since time of treatment program development. 2.4. Adjust treatment program to reflect identified changes and obtain signed client consent for adjusted treatment program. 2.5. Explain treatment process and likely sensations to client to ensure client comfort. 2.6. Identify jewellery worn by self and client and remove, or where not removable, tape according to workplace procedures. 2.7. Fit and adjust personal protective equipment, including eye protection, to self, client and others who may be present during treatment.
3. Provide laser treatment.	 3.1. Follow workplace policies and procedures, laser safety plan and legislative requirements to apply laser according to treatment program. 3.2. Identify requirement for coupling gel and apply ensuring minimum wastage. 3.3. Perform a test shot on treatment area, observe immediate skin reaction and level of client discomfort, and adjust equipment settings in preparation for treatment. 3.4. Commence treatment on areas of least pain sensitivity. 3.5. Work sequentially on treatment area avoiding repeat treatment on area immediately after first shot. 3.6. Monitor client reaction to treatment and pain tolerance continuously and adjust equipment settings to minimise client discomfort. 3.7. Identify potential and actual hazards and assess risks throughout treatment and take action to minimise risk to self and client. 3.8. Identify and respond immediately to adverse reactions by stopping treatment and explaining reason for stoppage to client. 3.9. Identify need for, and take and store photographs of hair reduction treatment area according to workplace policies and procedures. 3.10. Turn off equipment and remove coupling gel at
4. Provide post- treatment care and advice.	 completion of treatment. 4.1. Select and apply post-treatment skin cooling products according to treatment plan and client reaction to treatment. 4.2. Advise client on post-treatment and self-care and ask questions to confirm client understanding. 4.3. Advise client on client care and precautionary requirements for period leading up to next treatment 4.4. Record treatment and adjust treatment plan to reflect treatment and outcomes. 4.5. Complete post treatment documentation according to workplace procedures. 4.6. Initiate follow-up to check for post-treatment complications and adverse effects according to workplace procedures.

FOUNDATION SKILLS	
Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
SKILLS	DESCRIPTION
Reading skills to:	 interpret both familiar and unfamiliar, and sometimes complex documents: client treatment programs client records workplace policies and procedures non-ionising radiation safety protection plan materials describing industry standards and regulatory requirements of laser hair reduction manufacturer instructions for the safe use, maintenance and storage of laser equipment.
Writing skills to:	clearly and legibly make amendments to treatment plan.
Oral communication skills to:	 consult with, inform and reassure clients throughout treatment process respond to client questions and provide information to client throughout treatment process.
Numeracy skills to:	calculate and modify equipment settings.
UNIT MAPPING INFORMATION	No equivalent unit
LINKS	Companion Volume Implementation Guide

LE Assessment Requirements for SHBBHRS007 Provide laser hair reduction treatments RFORMANCE Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and: • safely provide laser treatments to at least three different
RFORMANCE IDENCEEvidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and: • safely provide laser treatments to at least three different
IDENCE and performance criteria of this unit in the context of the job role, and:safely provide laser treatments to at least three different
 role, and: safely provide laser treatments to at least three different
 safely provide laser treatments to at least three different
clients, each with different Fitzpatrick skin types, that
cumulatively cover the following body areas (18 treatments
in total):
 back and neck
• Brazilian
• chest
 facial area
 legs or arms
 underarm
 complete at least one of the above 18 treatments on a
Fitzpatrick skin type 5 or 6
 for each of the above laser treatments:
 adjust and modify treatment programs in response to
client reaction to treatment
 correctly set-up, operate and pack down equipment
 provide pre and post-treatment advice to clients
 complete and store client records and workplace
documentation
 consult, advise and reassure clients at all stages in
treatment
 during treatments, consistently follow workplace policies
and procedures, non-ionising radiation safety protection
plan and relevant state or territory laws, codes and
guidelines related to the safe use of laser for hair
reduction.
OWLEDGE Demonstrated knowledge required to complete the tasks
IDENCE outlined in elements and performance criteria of this unit:
 current local, state or territory health legislation, regulation
and industry standards and guidelines relevant to laser
hair reduction treatments:
 non-ionising radiation protection
 skin penetration
 work health and safety
 practitioner's legal and insurance liabilities and
responsibilities for laser treatment:
 role and importance of indemnity insurance
 potential risks, liabilities and consequences of non-
coverage
 responsibilities of practitioner and client related to safe and
responsible laser hair reduction treatments
 workplace policies and procedures related to laser hair
reduction treatments, including those for treatment of
minors
 workplace non-ionising radiation safety protection plan
types of laser equipment commonly used within industry
and accepted by industry standards, their recommended
use and application

 factors impacting client suitability for laser treatments and their associated risks, benefits and required action
 typical features and skin tanning response of each of the
six Fitzpatrick skin types and their relationship to laser hair
reduction treatments
 hair growth patterns and effect on laser hair reduction on hair growth
• anatomy and physiology of the skin and skin structures as
related to laser hair reduction treatments:
 normal process of skin ageing and structural change
 normal skin response to irritation and trauma
 scars, including hypertrophic and keloid origin and
evolution, and abnormal scar tissue
 causes of skin damage
 effects of laser treatments on physical structure of the
skin
 wound healing in different skin types and locations
 tissue interaction with laser hair reduction treatments
 chromophores
 melanin absorption
contraindications and their relationship to laser hair
reduction treatments:
 pre-treatment sun exposure
 artificially tanned skin
 pregnancy
• herbal remedies
 active herpes simplex
 active impetigo active according
 active eczema active acne
 photo-sensitive medication
 hypertrophic and keloid scars
 artificial pigment in the treatment area
 psoriasis in the treatment area
 certain circulatory conditions
 inappropriate hair type and colour
 for the above listed contraindications:
 appearance and identification
 required action and treatment precautions
 instances where treatment should not occur
 instances where recommendation to seek advice of
other professionals should be provided
• medical contraindications, their relationship to laser hair
reduction treatments, and required action and treatment
precautions:
 conditions already being treated by a general
practitioner, dermatologist or skin therapist
 medical oedema
 recent surgery
 diabetes actions
 asthma apilopay
• epilepsy

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	effects of laser hair reduction treatments and appropriate
	responses and control measures:
	 paradoxical increased hair growth
	 temporary heat
	 temporary localised pain
	 erythema
	 causes of, appearance and management of specific
	treatment reactions and adverse effects:
	 hypopigmentation
	 hyperpigmentation
	 blistering
	 scarring and textural changes
	 perifollicular oedema
	 perifollicular erythema
	 infections of the hair follicle
	 burns to skin
	 factors affecting treatments, their effect and appropriate
	responses:
	 test shot skin reaction
	 skin healing
	 skin reaction
	 follicle distribution
	 extent of area to be treated by partrophic and keloid accurring
	 hypertrophic and keloid scarring autoamon of provious tractmente
	 outcomes of previous treatments
	 pain tolerance
	 wound healing
	 post-treatment care procedures:
	 low-frequency laser
	 healing products
	 cooling products:
	- cold compress
	- cryogen sprays
	- cold gels
	 client post-treatment care requirements:
	 post-treatment care and advice for the treatment area
	 post treatment precautions related to:
	- tweezing
	- waxing
	- bleaching
	- sunbathing
	- solarium treatments
	 use of depilatory creams
	- electrolysis
	 use of self-tanning products
	 treatment evaluation strategies:
	 discussing and reviewing response to treatment
	 taking photographs of treatment area before and after
	each session, as required
	 reviewing achievement of treatment goals
	 monitoring time frame for achievement of treatment
	goals
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ASSESSMENT CONDITIONS	 key features, uses, benefits and limitations of the following laser equipment types: long pulsed alexandrite long pulsed Nd:Yag diode treatment settings and their application in laser hair reduction treatments: wavelengths pulse duration energy settings (fluence) treatment duration. Skills must be demonstrated in a simulated laser hair reduction clinical workplace environment set up for the
	purposes of assessment. Assessment must be directly observed, in person, for the total
	duration of each laser treatment, by assessors who meet the assessor requirements outlined below.
	Assessment must ensure access to:
	 documentation relevant to providing laser hair reduction treatments:
	 workplace policies and procedures for laser use
	 non-ionising radiation safety protection plan
	 current safety and environmental standards, guidelines regarding laser safety
	 client content and consultation forms
	 treatment log book
	 post-care forms
	laser equipment which:
	 when energised, can emit an amount of non-ionising radiation higher than accessible limit for a Class 3B laser for the relevant period stated in, and measured in accordance with, the laser standard AS2211 (a Class 4 laser)
	 which can treat Fitzpatrick skin types one to six is registered for purpose on the Australian Register of
	Therapeutic Goods
	 complies with Safety of laser products equipment classification and requirements AS/NZS IEC 60825.1:2014
	laser clinical treatment environment that includes:
	 as per relevant state or territory legislation either, or both, of the following: a radiation warning sign
	 an illuminated light above door non-flammable screens fitted inside windows to protect a person outside the window from non-ionising radiation levels greater than maximum permissible exposure from radiation
	 ventilation designed to ensure that airborne hazards are not passed downstream in air handling and exhaust system
	 fire extinguishing equipment

LINKS	equipment. Companion Volume Implementation Guide
	Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and: • have at least three years' experience in operating laser
	 client skin wipes real people with different Fitzpatrick skin types seeking hair reduction treatments on different areas of the face and body activities that reflect industry practice and allow the individual to work with commercial timing and productivity to complete client treatments within designated timeframes.
	 sufficient, clinical lighting eye protection equipment for practitioner and clients compliant with AS/NZS 1336:2014 disposable masks disposable gloves skin grid pencils handwashing basin cooling post-treatment products antibacterial cleaning products

UNIT CODE	SHBBHRS008
UNIT TITLE	Design intense pulsed light hair reduction treatment programs
APPLICATION	 This unit describes the performance outcomes, skills and knowledge required to design intense pulsed light (IPL) hair reduction treatment programs to reduce unwanted hair on the face and body. It requires the ability to consult with clients, determine client suitability for IPL hair reduction treatments and design treatment programs based on client needs. This unit applies to IPL practitioners working in a diverse range of beauty industry sectors and business contexts who design staged treatment programs for multiple treatments that will safely achieve optimal hair reduction outcomes for the client. These individuals operate independently, under limited supervision of others and within established organisational policies and procedures. The unit reflects the safety guidelines, for a broad range of clinical IPL dermal applications, expressed in the following Australian and New Zealand Standards, current at the time of publication: AS/NZS 4173:2018 Safe use of lasers and intense light
	 sources in health care AS/NZS 1336:2014 Eye and face protection - Guidelines.
	The use of intense pulsed light is subject to legislation, regulation and licensing in some Australian states and territories.
	SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments
	Hair Reduction Services
	Beauty
ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
 Consult with client on hair reduction requirements. 	 1.1. Determine, through discussion and questioning, client hair reduction requirements and preferences, and administer client consultation form. 1.2. Review client medical and treatment history to identify factors impacting or prohibiting suitability for treatment. 1.3. Use diagnostic tools and observation techniques to determine client Fitzpatrick skin type and characteristics. 1.4. Discuss treatment suitability, options and limitations with client. 1.5. Advise client on treatment procedure, outcomes, and possible effects and after care. 1.6. Encourage client questions and check client understanding of treatment procedure, outcomes, and possible effects and self-care.

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2.	Determine	2.1. Consult with and visually observe client to identify and
	contraindications to	determine impact of contraindications.
	treatment.	2.2. Determine non-medical precautions for non-medical
		contraindications and explain to client.
		2.3. Advise client to seek and provide signed proof of medical
		release for medical contraindications and medical
		precautions prior to treatment.
3.	Prepare self and	3.1. Check treatment environment is correctly organised and
	client for patch test.	free from safety risks and hazards.
		3.2. Confirm completion of risk assessment and equipment
		checks and take any required corrective action.
		3.3. Set up equipment and check to ensure correct
		functioning as per manufacturer instructions and safe
		practice protocols.
		3.4. Cleanse and prepare treatment area and sanitise
		equipment prior to use on client.
		3.5. Instruct client to prepare for patch testing, check client
		comfort and make any required adjustments to ensure
		client comfort.
		3.6. Identify jewellery worn by self and client and remove, or
		where not removable, tape according to workplace
		procedures.
		3.7. Fit and adjust personal protective equipment, including
		eye protection, to self, client and others who may be
		present during treatment. 3.8. Explain patch test process and likely sensations to client
		to ensure client comfort.
		3.9. Select and prepare patch test area within proposed
		treatment area.
Δ	Complete patch test.	4.1. Follow workplace policies and procedures, non-ionising
		radiation safety plan and legislative requirements to
		complete intense pulsed light patch test.
		4.2. Select energy settings (fluence) based on client
		consultation and apply a small number of pulses to test
		area.
		4.3. Record energy settings and observe immediate reactions
		looking for an end point to assist in designing safe and
		effective treatment.
		4.4. Identify and respond immediately to adverse reactions by
		stopping treatment and explaining reason for stoppage to
		client.
		4.5. Select and apply post-treatment skin cooling products
		according to client reaction to patch test.
		4.6. Wait length of time specified in organisational policy, and
		observe and record skin response.
5.	Design treatment	5.1. Determine appropriate treatment type and program
	program.	according to outcomes of client consultation and patch
		test, and within safe practice protocols.
		5.2. Discuss proposed treatment program, expected results
		and risks with client.
		5.3. Communicate pre-treatment and post-treatment
		precautions and care, and ask questions to confirm client
1		understanding.

	 4. Discuss role and responsibilities of the practitioner and the client and gain client agreement to client responsibilities. 5. Identify need for and take and store photographs of hair
5	responsibilities.
5	
	reduction pre-treatment area according to workplace
	policies and procedures.
5	.6. Discuss and select treatment evaluation strategies with
	client.
5	5.7. Finalise and document treatment program and gain
	signed client consent.
FOUNDATION SKILLS	
Foundation skills essential to perform along with a brief context statement.	mance in this unit, but not explicit in the performance criteria are listed here,
SKILLS D	ESCRIPTION
Reading skills to: •	interpret both familiar and unfamiliar, and sometimes
	complex documents:
	 workplace policies and procedures
	 non-ionising radiation safety protection plan
	 materials describing industry standards and regulatory
	requirements of intense pulsed light hair reduction
	 manufacturer instructions for the safe use, maintenance and storage of intense pulsed light equipment.
Writing skills to:	clearly and correctly document client treatment programs.
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Oral communications •	respond to client questions and provide information to client
skills to:	throughout consultation process.
Numeracy skills to: •	calculate treatment parameters for use in treatment session.
Problem-solving skills to: •	respond to contraindications and adverse effects to
	minimise risk and ensure client safety.
	o equivalent unit.
INFORMATION	
LINKS C	ompanion Volume Implementation Guide

TITLE	Assessment Requirements for SHBBHRS008 Design intense
	pulsed light hair reduction treatment programs
PERFORMANCE	Evidence of the ability to complete tasks outlined in elements
EVIDENCE	and performance criteria of this unit in the context of the job
	role, and:
	 consult with at least three different clients, each with
	different Fitzpatrick skin types and hair reduction needs
	• for each client, complete patch tests on each body area
	proposed for hair reduction, and evaluate results
	design and document a staged intense pulsed treatment
	program for each of the above clients and cumulatively
	develop programs for the following body areas:
	 back and neck
	 Brazilian
	• chest
	 facial area
	 arms or legs
	• underarm
	 record information obtained through all client consultation,
	observation and patch testing; as specified in the
	 Knowledge Evidence during all consultations and patch tests, consistently follow
	during all consultations and patch tests, consistently follow workplace policies and procedures, non-ionising radiation
	safety protection plan and relevant state or territory laws,
	codes and guidelines related to the use of intense pulsed
	light for hair reduction.
KNOWLEDGE	Demonstrated knowledge required to complete the tasks
EVIDENCE	outlined in elements and performance criteria of this unit:
	current local, state or territory health legislation, regulation
	and industry standards and guidelines relevant to intense
	pulsed light hair reduction treatments:
	 non-ionising radiation protection
	 skin penetration
	 work health and safety
	practitioner's legal and insurance liabilities and responsibilities for intense pulsed light treatment;
	 responsibilities for intense pulsed light treatment: role and importance of indemnity insurance
	 potential risks, liabilities and consequences of non-
	coverage
	 responsibilities of practitioner and client related to safe and
	responsible intense pulsed light hair reduction treatments
	 workplace policies and procedures related to intense
	pulsed light hair reduction treatments, including those for
	treating minors
	 workplace non-ionising radiation safety protection plan
	 information to be obtained and recorded during client
	consultation and observation:
	 client details
	 consent from parent or guardian for treatment of
	minors, when required
	 client needs and expectations
	 consent for collection of personal information and photographic content, when required
	photographic content, when required

 family history of skin cancer
 medical history, conditions, allergies and medications
 treatment history
 presence of tattoos and other artificial pigment
 vitamins and supplements
 sun exposure and reactions
 treatment area
 Fitzpatrick skin type
 skin characteristics and condition
 hair characteristics
 treatment types and equipment settings
 signed client informed consent for treatment
 signed medical release, when required
 pre-treatment photographs, when required
 patch test results
 information to be provided during client consultation and
observation
 self-care instructions and precautions
 likely results and effects
∘ risks
 information to manage client expectations
 a workplace pre-treatment handout to the client
• types of intense pulsed light equipment commonly used
within industry and accepted by industry standards, their
recommended use and application
• types of equipment used in hair reduction and their actions
on pigmented hair and on skin
 diagnostic equipment and tools
 principles of light energy and how it interacts with skin and
hair
factors impacting client suitability for intense pulsed light
treatments and their associated risks, benefits and
required action
 client characteristics and their relationship to intense
pulsed light hair reduction treatments:
 Fitzpatrick skin type one to six
 hair colour:
- dark
- medium
- pale
 hair type:
- lanugo, vellus, terminal
- ingrown
 skin type:
•••
- dry/alipid/lipid dry
 oily/lipid diffused red
 difference between male and female skin and hair
types
 specific hair reduction treatment areas
 pain tolerance
 heat tolerance
 medical history:

[]	
	 existing medical conditions
	- previous medical conditions
	- medications
•	six Fitzpatrick skin types:
	 apparent versus underlying skin type
	 appearance and identification
	• features
	 responses to tanning
•	hair structure and growth:
	 factors affecting hair growth:
	- hormonal:
	(1) topical
	(2) systemic
	- exposure to sunlight
	- heredity
	- drugs and chemicals
	 hair growth patterns and cycle and impact of intense
	pulsed light hair reduction treatments
	 histology of hair
•	factors which can stimulate hair growth and areas which
	may be affected:
	• hormones
	• illness
	• medications
•	anatomy and physiology of the skin and skin structures as
	related to intense pulsed light hair reduction treatments:
	 normal process of skin ageing and structural change
	 normal skin response to irritation and trauma
	 scars, including hypertrophic and keloid, their origin
	and evolution, and abnormal scar tissue
	 causes of skin damage
	 effects of intense pulsed light treatments on physical structure of the skin
	 wound healing in different skin types and locations
	• tissue interaction with IPL hair reduction treatments
	 chromophores
	 melanin absorption
•	contraindications and their relationship to intense pulsed
	light hair reduction treatments:
	 pre-treatment sun exposure
	 artificially tanned skin
	 pregnancy
	 some herbal remedies
	 active herpes simplex
	 active impetigo
	 active eczema
	 active acne
	 photo-sensitive medication
	 hypertrophic and keloid scars
	 artificial pigment in the treatment area
	 psoriasis in the treatment area
	 certain circulatory conditions
	•
	 inappropriate hair type and colour

•	for the above listed contraindications:
	 appearance and identification
	 required action and treatment precautions
	 instances where treatment should not occur
	 instances where recommendation to seek advice of other professionals should be provided
•	appearance of pigmented skin lesions and referral to
	medical professionals
•	medical contraindications, their relationship to intense pulsed light hair reduction treatments, and required action and treatment precautions:
	 conditions already being treated by a general
	practitioner, dermatologist or skin therapist
	 medical oedema
	 recent surgery
	• diabetes
	• asthma
	• epilepsy
•	effects of intense pulsed light hair reduction treatments
	and associated responses and control measures:
	 paradoxical increased hair growth
	 temporary heat temporary localized pain
	 temporary localised pain erythema
•	causes of, appearance and management of specific treatment reactions or adverse effects:
	 hypopigmentation
	 hyperpigmentation
	 blistering
	 scarring and textural changes
	 perifollicular oedema
	 perifollicular erythema
	 infections of the hair follicle
	 burns to skin
•	factors impacting treatment planning, their effect and
	appropriate responses:
	 body temperature
	 patch test results
	∘ skin healing
	 skin reaction
	 follicle distribution
	 areas treated
	 extent of area to be treated hypertrophic and keloid scarring
	 nypertrophic and keloid scarring outcomes of previous treatments
	 pain tolerance
	 wound healing
	client post-treatment care requirements:
	 avoidance of:
	- sun exposure
	- topical tanning agents
	 chlorine found in spas and pools
	- picking abrasions

Г	ath an adaptath and a second sec
	 other phototherapy concurrent with an intense pulsed light beir reduction treatment program
	pulsed light hair reduction treatment program
	- activity that raises body temperature
	 application of sunscreen to treatment area post treatment area and advise for the treatment area
	 post-treatment care and advice for the treatment area
	 precautions related to:
	- tweezing - waxing
	- bleaching
	- sunbathing
	- solarium treatments
	- use of depilatory creams
	- electrolysis
	 use of self-tanning products
•	post-treatment care procedures:
	 healing products
	 cooling products:
	- cold compress
	- cryogen sprays
	- cold gels
•	use of light-emitting diodes (LED) in treating adverse
	effects
•	patch test evaluation strategies:
	 discussing and reviewing response to treatment
	 taking photographs of treatment area before and after
	treatment
	 reviewing achievement of treatment goals
	 monitoring time frame for achievement of treatment
	goals
•	key inclusions of a treatment program:
	 treatment area falling the second distribution
	 follicle type and distribution
	 hair type
	 planned treatment parameters based on patch test results;
	results:
	 wavelengths to be used pulse duration
	- energy settings (fluence)
	- treatment duration
	 products
	 equipment
	 follow-up procedures
	 after care advice and precautions
	 observed contraindications
	 relevant medical history and medications
	 signed medical release
	 outcomes of previous temporary and permanent hair
	reduction treatments
	 before and after photographs, and when they are
	required
	client consent.

ASSESSMENT	Skills must be demonstrated in a simulated intense pulsed
CONDITIONS	light hair reduction clinical workplace environment set up for
Selizitiene	the purposes of assessment.
	Assessment must be directly observed, in person, for the total
	duration of each intense pulsed light client consultation and
	patch test, by assessors who meet the assessor requirements
	outlined below.
	Assessment must ensure access to:
	 documentation relevant to designing intense pulsed light
	 addutine fillation relevant to designing intense pulsed light hair reduction treatment programs:
	 workplace policies and procedures
	 workplace reporting documentation and templates
	 treatment program templates
	 current safety standards and guidelines
	 key aspects of federal, state or territory, and local acts
	and regulations relating to use of intense pulsed light
	for hair reduction
	 non-ionising radiation safety protection plan
	 intense pulsed light equipment which:
	 when energised, can emit an amount of non-ionising
	radiation higher than accessible limit for a Class 3B
	laser for the relevant period stated in, and measured in
	accordance with, the laser standard AS2211 (a Class 4 laser or equivalent in the case of IPL)
	 is registered for purpose on the Australian Register of
	Therapeutic Goods
	 has the following characteristics:
	- programmable
	- manual
	 multiple pulsed shots
	 single pulsed shots
	 appropriate cooling delivery systems
	- multiple filters
	 intense pulsed light clinical treatment environment that includes:
	 as per relevant state or territory legislation either, or
	both, of the following:
	- a radiation warning sign
	- an illuminated light above door
	 non-flammable screens fitted inside windows to protect
	a person outside the window from non-ionising
	radiation levels greater than maximum permissible
	exposure from radiation
	 ventilation designed to ensure that airborne hazards are not passed downstream in air handling and
	are not passed downstream in air handling and exhaust system
	 fire extinguishing equipment
	 eye protection equipment for practitioners and clients
	compliant with AS/NZS 1336:2014
	 disposable masks
	 disposable gloves
	 sufficient, clinical lighting

	 cooling post-treatment products real people with different Fitzpatrick skin types seeking hair reduction treatments on different areas of the face and body activities that reflect industry practice and allow the individual to work with commercial timing and productivity to complete client consultations within designated timeframes.
	 Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and: have at least three years' experience in operating intense pulled light equipment.
LINKS	Companion Volume Implementation Guide

UNIT CODE	SHBBHRS009
UNIT TITLE	Provide intense pulsed light hair reduction treatments
APPLICATION	This unit describes the performance outcomes, skills and knowledge required to safely provide intense pulsed light (IPL) hair reduction treatments to reduce unwanted hair on the face and body. It requires the ability to follow an agreed treatment program, monitor and modify treatments in response the client's skin and hair reactions, and assess treatment results. This unit applies to IPL practitioners working in a diverse range of beauty industry sectors and business contexts who provide hair reduction treatments. These individuals operate independently, under limited supervision of others and within established organisational policies and procedures. The unit reflects the safety guidelines, for a broad range of IPL dermal applications, expressed in the following Australian and
	 New Zealand Standards, current at the time of publication: AS/NZS 4173:2018 Safe use of lasers and intense light sources in health care AS/NZS 1336:2014 Eye and face protection - Guidelines. The use of IPL is subject to legislation, regulation and licensing in some Australian States and Territories.
PREREQUISTE UNIT	SHBBHRS005 Identify and control safety risks for intense pulsed light and laser hair reduction treatments
COMPETENCY FIELD	Hair Reduction Services
UNIT SECTOR	Beauty
ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
 Prepare treatment environment and equipment. 	 1.1. Access and review agreed client treatment program to determine requirements for individual treatment. 1.2. Check that treatment environment is correctly organised and free from safety risks and hazards. 1.3. Confirm completion of risk assessment and equipment checks and take any required corrective action. 1.4. Set up equipment and check to ensure correct functioning as per manufacturer instructions and safe practice protocols. 1.5. Cleanse and prepare treatment area and sanitise equipment prior to use on client. 1.6. Complete required workplace and pre-treatment documentation required for treatment environment and equipment preparation.
2. Prepare self and client.	2.1. Identify need for and receive signed medical approval to proceed with treatment from client.2.2. Confirm treatment program with client.

	 2.3. Determine, through discussion and questioning, changes to client medical history and contraindications arising since time of treatment program development. 2.4. Adjust treatment program to reflect identified changes and obtain signed client consent for adjusted treatment program. 2.5. Explain treatment process to client and likely sensations to client to ensure client comfort. 2.6. Identify jewellery worn by self and client and remove, or where not removable, tape according to workplace procedures. 2.7. Fit and adjust personal protective equipment, including eye protection, to self, client and others who may be present during treatment.
3. Provide intense pulsed light treatment.	 3.1. Follow workplace policies and procedures, non-ionising radiation safety plan and legislative requirements to apply intense pulsed light according to treatment program. 3.2. Identify requirement for coupling gel and apply ensuring minimum wastage. 3.3. Perform a test shot on treatment area, observe immediate skin reaction and level of client discomfort, and adjust equipment settings in preparation for treatment. 3.4. Commence treatment on areas of least pain sensitivity. 3.5. Work sequentially on treatment area, avoiding repeat treatment on area immediately after first shot. 3.6. Monitor client reaction to treatment and pain tolerance continuously and adjust equipment settings to minimise client discomfort. 3.7. Identify potential and actual hazards and assess risks throughout treatment and take action to minimise risk to self and client. 3.8. Identify and respond immediately to adverse reactions by stopping treatment and explaining reason for stoppage to client. 3.9. Identify need for and take and store photographs of hair reduction treatment area according to workplace policies and procedures. 3.10. Turn off equipment and remove coupling gel at
4. Provide post- treatment care and advice.	 completion of treatment. 4.1. Select and apply post-treatment skin cooling products according to treatment plan and client reaction to treatment. 4.2. Advise client on post-treatment and self-care and ask questions to confirm client understanding. 4.3. Advise client on client care and precautionary requirements for period leading up to next treatment 4.4. Record treatment and adjust treatment plan to reflect treatment and outcomes. 4.5. Complete post treatment documentation according to workplace procedures. 4.6. Initiate follow-up to check for post-treatment complications and adverse effects according to workplace procedures.

FOUNDATION SKILLS	
Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
SKILLS	DESCRIPTION
Reading skills to:	 interpret both familiar and unfamiliar, and sometimes complex documents: client treatment programs client records workplace policies and procedures non-ionising radiation safety protection plan materials describing industry standards and regulatory requirements of intense pulsed light hair reduction manufacturer instructions for the safe use, maintenance and storage of intense pulsed light equipment.
Writing skills to:	clearly and legibly make amendments to treatment plan.
Oral communications skills to:	 consult with, inform and reassure clients throughout treatment process respond to client questions and provide information to client throughout treatment process.
Numeracy skills to:	calculate and modify equipment settings.
UNIT MAPPING INFORMATION	No equivalent unit
LINKS	Companion Volume Implementation Guide

TITLE	Assessment Requirements for SHBBHRS009 Provide intense
	pulsed light hair reduction treatments
PERFORMANCE	Evidence of the ability to complete tasks outlined in elements
EVIDENCE	and performance criteria of this unit in the context of the job
	role, and:
	safely provide intense pulsed light treatments to at least
	three different clients, each with different Fitzpatrick skin
	types, that cumulatively cover the following body areas (18
	treatments in total):
	 back and neck
	• Brazilian
	∘ chest
	 facial area
	 legs or arms
	 underarm
	 for each of the above intense pulsed light treatments:
	 adjust and modify treatment programs in response to client reaction to treatment
	 correctly set-up, operate and pack down equipment
	 provide pre and post-treatment advice to clients
	 complete and store client records and workplace
	documentation
	 consult, advise and reassure clients at all stages in
	treatment
	during treatments, consistently follow workplace policies
	and procedures, non-ionising radiation safety protection
	plan and relevant state or territory laws, codes and
	guidelines related to the safe use of intense pulsed light
	for hair reduction.
KNOWLEDGE	Demonstrated knowledge required to complete the tasks
EVIDENCE	outlined in elements and performance criteria of this unit:
	current local, state or territory health legislation, regulation
	and industry standards and guidelines as relevant to
	intense pulsed light hair reduction treatments:
	 non-ionising radiation protection
	 skin penetration
	 work health and safety
	 practitioner's legal and insurance liabilities and
	responsibilities for intense pulsed light treatment:
	 role and importance of indemnity insurance notantial risks, lisbilities and concernance of non
	 potential risks, liabilities and consequences of non- coverage
	responsibilities of practitioner and client related to safe and
	responsible intense pulsed light hair reduction treatments
	 workplace policies and procedures related to intense
	pulsed light hair reduction treatments, including those for
	treatment of minors
	workplace non-ionising radiation safety protection plan
	types of intense pulsed light equipment commonly used
	within industry and accepted by industry standards, their
	recommended use and application
	factors impacting client suitability for intense pulsed light
	and their associated risks, benefits and required action

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·	 typical features and skin tanning response of each of the six Fitzpatrick skin types and their relationship to intense
	pulsed light hair reduction treatments
,	hair growth patterns and effect on intense pulsed light hair
	reduction on hair growth
.	• anatomy and physiology of the skin and skin structures as
	related to intense pulsed light hair reduction treatments:
	 normal process of skin ageing and structural change
	 normal skin response to irritation and trauma
	 scars, including hypertrophic and keloid, their origin
	and evolution, and abnormal scar tissue
	 causes of skin damage
	 effects of intense pulsed light treatments on physical
	structure of the skin
	 wound healing in different skin types and locations
	 tissue interaction with intense pulsed light hair
	reduction treatments
	 chromophores molanin absorption
	 melanin absorption tapping issues
	 tanning issues contraindications and their relationship to intense pulsed
	light hair reduction treatments:
	 pre-treatment sun exposure
	 artificially tanned skin
	 pregnancy
	 herbal remedies
	 active herpes simplex
	 active impetigo
	 active eczema
	 active acne
	 photo-sensitive medication
	 hypertrophic and keloid scars
	 artificial pigment in the treatment area
	 psoriasis in the treatment area
	 certain circulatory conditions
	 inappropriate hair type and colour
	• for the above listed contraindications:
	 appearance and identification
	 required action and treatment precautions
	 instances where treatment should not occur instances where recommendation to each advice of
	 instances where recommendation to seek advice of other professionals should be provided
	 other professionals should be provided medical contraindications, their relationship to intense
	pulsed light hair reduction treatments, and required action
	and treatment precautions:
	 conditions already being treated by a general
	practitioner, dermatologist or skin therapist
	 medical oedema
	 recent surgery
	 diabetes
	∘ asthma
	• epilepsy

•	 effects of intense pulsed light hair reduction treatments and appropriate responses and control measures: paradoxical increased hair growth temporary heat temporary localised pain erythema causes of, appearance and management of specific treatment reactions and adverse effects: hypopigmentation hyperpigmentation blistering scarring and textural changes perifollicular oedema
	 perifollicular erythema infections of the hair follicle
	 burns to skin
•	factors affecting treatments, their effect and appropriate
	responses:
	 test shot skin reaction
	 skin healing skin reaction
	 skin reaction folliala distribution
	 follicle distribution areas treated
	 areas treated extent of area to be treated
	 extent of area to be treated hypertrophic and keloid scarring
	 outcomes of previous treatments
	 outcomes of previous treatments pain tolerance
	 wound healing
	post-treatment care procedures:
	 healing products
	 cooling products:
	- cold compress
	- cryogen sprays
	- cold gels
•	client post-treatment care requirements
	 post-treatment care and advice for the treatment area
	 post-treatment precautions related to:
	- tweezing
	- waxing
	- bleaching
	- sunbathing
	 solarium treatments use of depilatory creams
	- electrolysis
	- use of self-tanning products
	treatment evaluation strategies:
	 discussing and reviewing response to treatment
	 taking photographs of treatment area before and after
	each session, as required
	 reviewing achievement of treatment goals
	 monitoring time frame for achievement of treatment
	goals

	 key features, uses, benefits and limitations of intense pulsed light equipment types;
	 pulsed light equipment types: intense pulsed light equipment control panel features:
	 power settings
	 pulse settings
	• time settings
	 emergency controls
	 delivery systems
	 ionising and non-ionising radiation
	treatment settings and their application in intense pulsed
	light hair reduction treatments:
	 wavelengths pulse duration
	 Pulse duration energy settings (fluence)
	 treatment duration.
ASSESSMENT	Skills must be demonstrated in a simulated intense pulsed
CONDITIONS	light hair reduction clinical workplace environment set up for
	the purposes of assessment.
	Assessment must be directly observed, in person, for the total
	duration of each intense pulsed light treatment, by assessors
	who meet the assessor requirements outlined below.
	·
	Assessment must ensure access to:
	documentation relating to providing intense pulsed light
	hair reduction treatments:
	 workplace policies and procedures for intense pulsed light use
	 non-ionising radiation safety protection plan
	 current safety and environmental standards, guidelines
	regarding intense pulsed light safety
	 client content and consultation forms
	 treatment log book
	 post-care forms
	intense pulsed light equipment which:
	 when energised, can emit an amount of non-ionising radiation biohar than accessible limit for a Class 2P
	radiation higher than accessible limit for a Class 3B laser for the relevant period stated in, and measured in
	accordance with, the laser standard AS2211 (a Class 4
	laser or equivalent in the case of IPL)
	 is registered for purpose on the Australian Register of
	Therapeutic Goods
	 has the following characteristics:
	- programmable
	 manual multiple pulsed shots
	 single pulsed shots
	 appropriate cooling delivery systems
	- multiple filters
	intense pulsed light clinical treatment environment that
	includes:
	 as per relevant state or territory legislation either, or
	both, of the following:
	- a radiation warning sign

 non-flammable screens fitted inside windows to protect a person outside the window from non-ionising radiation levels greater than maximum permissible exposure from radiation ventilation designed to ensure that airborne hazards are not passed downstream in air handling and exhaust system fire extinguishing equipment sufficient, clinical lighting eye protection equipment for practitioner and clients compliant with AS/NZS 1336:2014 disposable masks disposable gloves skin grid pencils handwashing basin cooling post-treatment products antibacterial cleaning products client skin wipes real people with different Fitzpatrick skin types seeking hair reduction treatments on different areas of the face and body activities that reflect industry practice and allow the individual to work with commercial timing and productivity to complete client treatments within designated timeframes. Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and: have at least three years' experience in operating intense pulled light equipment. 		
		 a person outside the window from non-ionising radiation levels greater than maximum permissible exposure from radiation ventilation designed to ensure that airborne hazards are not passed downstream in air handling and exhaust system fire extinguishing equipment sufficient, clinical lighting eye protection equipment for practitioner and clients compliant with AS/NZS 1336:2014 disposable masks disposable gloves skin grid pencils handwashing basin cooling post-treatment products client skin wipes real people with different Fitzpatrick skin types seeking hair reduction treatments on different areas of the face and body activities that reflect industry practice and allow the individual to work with commercial timing and productivity to complete client treatments within designated timeframes.
	LINKS	Companion Volume Implementation Guide

UNIT CODE	SHBBRES002
UNIT TITLE	Investigate developments in cosmetic treatments using light and laser systems
APPLICATION	This unit describes the performance outcomes, skills and knowledge required to investigate developments in the use of intense pulsed light and laser for hair reduction. It requires the ability to complete research, critically analyse findings and identify opportunities for improved treatment practice. This unit applies to practitioners working in a diverse range of beauty industry sectors and business contexts where intense
	pulsed light and/or laser equipment is used to provide hair reduction treatments. These individuals operate independently, under limited supervision of others and within established organisational policies and procedures.
	No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.
PREREQUISTE UNIT	Nil
COMPETENCY FIELD	Research
	Beauty
ELEMENTS	PERFORMANCE CRITERIA Performance criteria describe the performance needed to demonstrate
essential outcomes	achievement of the element.
1. Conduct research.	 1.1. Research local and global trends and developments in intense pulsed light and laser treatments using formal and informal research methods. 1.2. Research and identify technological advancements in intense pulsed light and laser equipment and treatment delivery. 1.3. Access and review credible sources of formalised research and professional literature regarding the theory and practice of intense pulsed light and laser use for hair reduction. 1.4. Research changes to, and ensure compliance with, federal, state or local legislative and licencing requirements related to the cosmetic application of light and laser systems.
2. Evaluate suppliers.	 2.1. Access and review existing and potential supplier information and claims to determine supplier ability to provide safe, effective and reliable products and equipment. 2.2. Cross-reference supplier claims, research and advertising to ensure they are supported by substantiated and credible research findings. 2.3. Access and review information regarding supplier training and technical support available. 2.4. Source and interpret supplier reviews and feedback to inform sourcing of products and equipment.

3. Review findings. FOUNDATION SKILLS	 3.1. Evaluate and compare emerging treatments, protocols and ideas to identify benefits, limitations and risks in intense pulsed light and laser treatment advancements. 3.2. Critically analyse benefits, limitations and risk of advancements in equipment and treatment delivery. 3.3. Assess commercial opportunities related to identified trends and technologies and determine viability.
Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.	
SKILLS	DESCRIPTION
Reading skills to:	 interpret complex, varied and sometimes unfamiliar information from diverse sources.
Numeracy skills to:	 interpret measurements and statistical information from formal research sources.
Initiative and enterprise skills to:	 use information to challenge and extend own perspectives and ways of thinking.
Planning and organising skills to:	 analysing, critiquing and synthesising complex information sources to develop own positions and ideas.
UNIT MAPPING INFORMATION	No equivalent unit.
LINKS	Companion Volume Implementation Guide

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TITLE	Assessment Requirements for SHBBRES002 Investigate
	developments in cosmetic treatments using light and laser
	systems
PERFORMANCE	Evidence of the ability to complete tasks outlined in elements
EVIDENCE	and performance criteria of this unit in the context of the job
	role, and:
	use at least one formal and at least one informal research
	method to source the following information related to the
	use of intense pulsed light and/or laser for cosmetic
	purposes:
	 technological developments
	 emerging treatment protocols and ideas
	 current legislation, regulation and licencing
	requirements impacting the use of intense pulsed light
	and laser systems
	 current issues related to the use of intense pulsed light
	and laser systems
	 literature regarding theory and practice of intense
	pulsed light and/or laser
	 industry suppliers, their product range and claims
	 professional development opportunities
	analyse the above research findings to identify ways to
	improve current practice by:
	 determining credibility and reliability of information
	sources
	 determining compliance with relevant legislation and
	regulation
	 identifying suppliers with proven ability to meet industry
	standards.
KNOWLEDGE	Demonstrated knowledge required to complete the tasks
EVIDENCE	outlined in elements and performance criteria of this unit:
	 research methodologies and current sources of
	information as relevant to industry:
	 formal research:
	- peer reviewed research
	- clinical studies
	 informal research:
	- magazine articles
	- online sources
	how to determine what constitutes quality intense pulsed
	light and laser products and equipment
	 techniques to determine credibility and reliability of
	research and information sources
	 sources of information on current federal legislation, state
	or territory Acts and local regulations, and sources of
	information, as related to cosmetic treatments using
	intense pulsed light and laser:
	 non-ionising radiation protection
	 skin penetration
	 health regulations
	 work health and safety
	-
	 licencing requirements aquipment registered for purpose on the Australian
	 equipment registered for purpose on the Australian Register of Therapoutio Condo
	Register of Therapeutic Goods

ASSESSMENT CONDITIONS	 current and emerging trends, protocols and ideas related to cosmetic treatments using intense pulsed light and laser systems technological developments related to cosmetic treatments using intense pulsed light and laser systems benefits and risks associated with adopting trends and emergent technologies issues and challenges affecting the beauty industry related to intense pulsed light and laser hair reduction. Assessment must ensure access to: the internet current literature, professional journals and industry magazines.
	Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors.
LINKS	Companion Volume Implementation Guide