Specification of Competency Standards
for the Fashion Industry
Unit of Competency

Functional Area - Quality System & Sustainability

Title	Improve product life cycle for sustainability
Code	108262L5
Description	Improve fashion product life cycle for sustainability. This applies to individuals who are required to redesign existing products to improve or eliminate negative life cycle sustainability impacts.
Level	5
Credit	3
Competency	Performance Requirements 1. Knowledge in the subject area Be able to: • understand the overall organisational goals and direction with regard to sustainability • critically evaluate the importance of improving product life cycle impacts in the fashion industry • examine the significant life cycle stages and sustainability impacts of existing fashion products • understand the techniques for applying a life cycle perspective to improve the sustainability impact of existing fashion products throughout the entire product life cycle 2. Application and process Be able to: • identify existing product requirements of a fashion business • analyse the life cycle stages to identify requirements with the greatest sustainability impact • develop alternative product or process designs to reduce or eliminate sustainability impact • evaluate and select more sustainable design choices • negotiate solutions to value chain issues caused by the changed design • confirm the design with designated personnel 3. Exhibit professionalism Be able to: • adopt a holistic and proactive approach to achieve product life cycle sustainability improvements • explore ways to improve and optimise sustainability impact within time and cost constraints
Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to accomplish: • Improvement of fashion product life cycle for sustainability through redesigning existing products to improve or eliminate negative life cycle sustainability impact, which takes into consideration the significant life cycle stages and sustainability impact.
Remark	