

Specification of Competency Standards
for the Fashion Industry
Unit of Competency

Functional Area - Quality System & Sustainability

Title	Analyse sustainability data
Code	108255L5
Description	Analyse and interpret sustainability data to understand a particular scope of life cycle impacts of fashion products and the various sustainability impacts along the value chain. This applies to individuals who are required to process sustainability data and make recommendations for sustainability improvements.
Level	5
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Knowledge in the subject area</p> <p style="padding-left: 40px;">Be able to:</p> <ul style="list-style-type: none"> • examine the common approaches (e.g. field study) and software (e.g. statistics) for sustainability data analysis • critically evaluate the limitations associated with different sources of sustainability data and data collection methods • apply a range of specialised techniques for analysing sustainability data and developing projections or working models for making sustainability improvement decisions <p>2. Application and process</p> <p style="padding-left: 40px;">Be able to:</p> <ul style="list-style-type: none"> • review sustainability data to investigate the impacts of fashion products or value chain (e.g. energy efficiency, hazardous chemical discharge) • apply statistical analysis to sustainability data to identify trends or variations • compare data with reference values or expected results (e.g. intensity, frequency) • collaborate with stakeholders (e.g. academics, consultants) in analysing and interpreting sustainability data when required • analyse the effectiveness of design performance or sustainability initiatives in achieving sustainable results (e.g. in terms of environment or cost of compliance) • develop projections, working models or risk profiles for sustainability improvement decision-making <p>3. Exhibit professionalism</p> <p style="padding-left: 40px;">Be able to:</p> <ul style="list-style-type: none"> • synthesise different types of sustainability data to provide a solid basis for objective decisions for sustainable fashion • demonstrate sophisticated computer, analytical and problem solving skills in analysing sustainability data
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to accomplish:</p> <ul style="list-style-type: none"> • Detailed analysis of sustainability data that can serve as a basis for generating insights for improving a particular scope of life cycle impacts of fashion products and the various sustainability impacts along the value chain.
Remark	