FOOTWEAR
Specify materials used in footwear insoles, backers and shanks

level: 4
credit: 6
planned review date: November 2005
sub-field: Footwear and Leather Trades
purpose: People credited with this unit standard are able to: describe materials used for insoles, backers and shanks; describe the properties of those materials; and specify materials to be used in a variety of footwear categories. The unit standard is for designers, cutters and production managers with responsibility for the selection and usage of materials.

entry information: Prerequisite: Unit 3336, Demonstrate knowledge of footwear terms, components and groups, or demonstrate equivalent knowledge and skills.

accreditation option: Evaluation of documentation and visit by NZQA and industry.

moderation option: A centrally established and directed national moderation system has been set up by the Competenz.

special notes: None.

Elements and Performance Criteria

element 1
Describe materials used for footwear insoles, backers and shanks.

performance criteria
1.1 Insole materials are identified and described.
Range: leather, leatherboard, cellulose board, non-woven.
1.2 Backer materials are described.
Specify materials used in footwear 
insoles, backers and shanks

 Range: board, fibreglass, plastic, injected.

1.3 Shank materials are identified and described.
 Range: steel, wood, fibreglass.

**element 2**

Describe the properties of shank, backer and insole materials.

**performance criteria**

2.1 Properties required for insole materials are described.
 Range: materials – leather, leatherboard, cellulose board, non woven; properties – flex capacity, water absorption, surface appearance, resistance to delamination, resistance to fungal growth.

2.2 Properties required for backer boards are described.
 Range: materials – board, fibreglass, plastic, injected; properties – rigidity, surface appearance, resistance to delamination, nail holding strength.

2.3 Properties required for shanks are described.
 Range: materials – steel, wood, fibreglass; properties – rigidity, tensile strength, ease of attachment to shoe.

2.4 Range of thicknesses used for insoles and backers is stated.

**element 3**

Specify materials for insoles, backers and shanks.
 Range: infants', women's, men's, children's, dress, casual, industrial, boot.

**performance criteria**

3.1 Specified insole materials meet product requirements for each footwear type.
Specify materials used in footwear
insoles, backers and shanks

3.2 Specified backer materials meet product requirements for each footwear type.

3.3 Specified shank materials meet product requirements for each footwear type.

3.4 Material available for insoles, backers, and shanks are compared for costs in relation to company products.

Comments on this unit standard

Please contact Competenz info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0030 which can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.