

FIELD MANUFACTURING**Review of *Manufacturing/Textiles Manufacture* unit standards**

Subfield	Domain	Id
Textiles Manufacture	Core Yarn Processing	4176-4199, 5470, 5876-5878, 16619, 19841, 19855, 19856
	Woollen Yarn Processing	4162-4175, 19842

The Apparel and Textiles Industry Training Organisation has completed the review of the unit standards listed above.

Date new versions published

April 2008

Planned review date

December 2013

Summary of review and consultation process

These unit standards were reviewed as part of a scheduled periodic review of unit standards and qualifications and also because of the practical need to ensure that unit standards still meet the needs of the industry. The review confirmed the relevance of each unit standard and confirmed the level and credits assigned.

As a result of sector group meetings minor changes were recommended to reflect changes in industry. Because of a change in a process machine the titles of two units were changed. The only other significant change being the addition of a Health and Safety element to all practical unit standards.

Main changes resulting from the review

- The need to comply with the Health and Safety Act 1992 was added to the special notes in all practical units.
- An extra element covering Health and Safety was added to all Level 2 and Level 3 unit standards.
- Changes were made to range statements to clarify assessment parameters.
- The purpose statements were modified so that they were in a consistent format.
- A special note was added to all practical units defining Workplace Procedures.
- A special note was added to all of the theoretical units to provide guidance on the availability of support information.
- The process of Chemset had been discontinued by industry and Twistset had taken its place therefore the title of unit standards 4175 and 4176 were changed from Chemset to Twistset.
- The word 'tune' was removed from unit 4196 to make it consistent with other standards where tuning was included in a performance criterion but was not a material enough item to be included in the title.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following Apparel and Textile Industry Training Organisation qualifications are not materially affected by the changes. They will be updated when they are next reviewed.

Qualification title	Standard in the qualification
National Certificate in Textiles Manufacture (Operations) (Level 2) [Ref: 1121]	4174
National Certificate in Textiles Manufacture (Advanced Operations) (Level 3) [Ref: 1122]	4175, 4175

Subfield Textiles Manufacture
Domain Core Yarn Processing

Id	Title	Level	Credit	Review Category
4176	Demonstrate knowledge of yarn specification and measurement	4	20	B
4177	Demonstrate knowledge of textile fibre blending	4	15	B
4178	Process textile fibres in a blending system	3	5	B
4179	Set up a blending system to process textile fibres.	3	10	B
4180	Hand fettle and clean a textile carding machine	3	5	B
4181	Vacuum fettle a textile carding machine	3	5	B
4182	Demonstrate knowledge of card clothing and grinding	3	10	B
4183	Clothe a card roller with metallic card clothing	4	8	B
4184	Clothe a card roller with fillet card clothing	4	10	B
4185	Grind card clothing and maintain grinding equipment	4	5	B
4186	Twist yarn on a ring twisting machine	2	6	B
4187	Set up a ring twisting machine to twist yarn	3	6	B
4188	Twist yarn on a 2 for 1 twisting machine	2	8	B
4189	Set up a 2 for 1 twisting machine	3	8	B
4190	Twist fancy yarn on a hollow spindle twisting machine	2	8	B
4191	Set up a hollow spindle twisting machine to twist yarn	3	8	B
4192	Reel yarn	2	3	B
4193	Set up a reeling machine to reel yarn	3	4	B
4194	Wind yarn	2	5	B
4195	Set up a winding machine to wind yarn	3	8	B
4196	Maintain a winding machine	5	60	B
4197	Set up an autoclave and process yarn	3	5	B

Id	Title	Level	Credit	Review Category
4198	Spin yarn on a wrap spinning machine	2	9	B
4199	Set up a wrap spinning machine to spin yarn	4	12	B
5470	Perform tests on partly processed yarn	3	18	B
5876	Demonstrate knowledge of natural textile fibres	3	10	B
5877	Demonstrate knowledge of manufactured textile fibres	3	10	B
5878	Demonstrate knowledge of spun yarns	3	10	B
16619	Demonstrate knowledge of wool measurement and marketing systems	4	20	B
19841	Demonstrate elementary knowledge of the operations, processes and products of textile manufacturing	2	6	B
19855	Assembly wind yarn	2	5	B
19856	Set up an assembly winding machine to wind yarn	3	8	B

Domain Woollen Yarn Processing

Id	Title	Level	Credit	Review Category
4162	Demonstrate knowledge of woollen carding and spinning technology	5	20	B
4163	Card fibre on a woollen card	3	8	B
4164	Set up a woollen card to card fibre	4	20	B
4165	Maintain a woollen card	5	100	B
4166	Spin yarn on a woollen spinning machine	3	12	B
4167	Set up a woollen spinning machine to spin yarn	4	8	B
4168	Maintain a woollen ring spinning machine	5	60	B
4169	Spin yarn on a mule spinning machine	3	8	B
4170	Set up a mule spinning machine to spin yarn	4	8	B
4171	Maintain a mule spinning machine	5	20	B
4172	Process yarn in a tapescour	2	4	B
4173	Set up and monitor a tapescour	3	8	B
4174	Process yarn in a chemset machine Process yarn in a Twistset machine	3	12	B
4175	Set up and monitor a chemset machine Set up and monitor a Twistset machine	4	24	B
19842	Demonstrate knowledge of wet processing of wool carpet yarns	4	20	B