

Review of *Blaster Coating* unit standards

Main changes

- Standard 17546 has moved to the domain relevant to its content – Protective Coating.
- Titles of standards 17520, 17521, 17523, 17524, 17526, 17528, 17531, 17532, 17537, 17541, 17542, 17544, 17546, 17547, and 23539 have been amended to better reflect the significant outcomes of each standard and to link to their respective domains.
- Level of standard 17523 has decreased to better reflect the content of the standard.
- Credits for standards 17521, 17524, 17526, 17528, and 17537 have decreased and for standard 17525 increased to better reflect the time required for achievement of the standard.
- Purpose statements have been updated to match amended outcomes and target group information has been added to standard 17521.
- Entry information has been updated as required and added to standard 17547; removed from standards 17523, 17524, 17531, and 17541; and amended in standards 17520, 17521, 17532, and 17543.
- Explanatory notes have been refined to assist consistent assessment and relevant references have been updated.
- Definitions have been clarified and made consistent with other unit standards.
- Where required outcomes and evidence requirements have been reworded to match the titles, to clarify interpretation, and to maintain consistency of style.
- Standard 17545 has been replaced by new unit standards 27776 and 27777 to remove restrictions on achievement.
- Standards 17534 and 17535 have been designated for expiry because they overlap other unit standards.

Category C and D unit standards will expire at the end of December 2014

Impact on existing accreditations

| Current consent for | | | Consent extended to | | |
|---------------------|----------------------------|-------|---------------------|----------------------|-------|
| Nature of consent | Classification or ID | Level | Nature of consent | Classification or ID | Level |
| Domain | Blaster Coating Operations | 3 | Domain | Protective Coating | 3 |

Impact on registered qualifications

| Key to type of impact | |
|--------------------------------|--|
| 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 EXITO qualifications are impacted by the outcome of this review and will be updated when they are revised in 2012. The standards that generated the status *Affected* are listed in **bold**.

| Ref | Qualification Title | ID |
|------|--|--|
| 0799 | National Certificate in Blaster Coating (Level 2) with optional strands in Confined Spaces; and Height and Traffic Safety | 17525, 17526, 17531, 17534, 17537, 17547, 23539 |
| 0800 | National Certificate in Blaster Coating with optional strands in Confined Spaces; Exterior; Height and Traffic Safety; Supervision; and Workshop | 17520, 17521, 17523, 17524, 17528, 17532, 17535, 17541, 17542, 17544, 17545, 17546, 17547 |

The following table identifies qualifications developed by another SSB that is impacted by the outcome of this Review. The SSB has been advised that the qualification requires revision. The standard that generated the status *Affected* is listed in **bold**.

| Ref | Qualification Title | ID | SSB Name |
|------|--|---------------------|--|
| 1305 | National Certificate in Wood Manufacturing Foundation Skills (Level 2) with strands in Solid Wood Manufacturing, Sliced Veneer Operations, Technical Awareness, Wood Handling and Distribution, Wood Panel Manufacturing, and Wood Product Manufacturing | 17526, 17547 | Forest Industries Training and Education Council (FITEC) |

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

| Key to review category | |
|------------------------|---|
| A | Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number |
| B | Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number |
| C | Major changes that necessitate the registration of a replacement standard with a new ID |
| D | Standard will expire and not be replaced |

Engineering and Technology > Blaster Coating > Abrasive Blasting

| ID | Title | Level | Credit | Review Category |
|-------|---|-------|--------|-----------------|
| 17520 | Abrasive blast inside a blasting booth Abrasive blast inside a blast booth | 3 | 4 | B |
| 17521 | Abrasive blast fixed structures and oversize plant Abrasive blast a fixed structure or oversize plant at an exterior site | 3 | 5 4 | B |

| ID | Title | Level | Credit | Review Category |
|-------|--|--------|---------|-----------------|
| 17523 | Demonstrate knowledge of abrasive blasting materials Demonstrate knowledge of abrasive blasting media | 3 2 | 4 | B |
| 17524 | Demonstrate knowledge of wet blasting Demonstrate knowledge of wet abrasive blasting | 3 | 10 4 | B |
| 17525 | Demonstrate knowledge of and operate abrasive blast pot | 3 | 6 8 | B |
| 17528 | Demonstrate knowledge of and prepare and vacuum blast surfaces Demonstrate knowledge of, operate, and maintain a vacuum blaster for blaster coating operations | 3 | 10 4 | B |

Engineering and Technology > Blaster Coating > Blasting Coating Operations

| ID | Title | Level | Credit | Review Category |
|-------|---|-------|---------|-----------------|
| 17522 | Apply quality control concepts to abrasive blasting and protective coating operations | 3 | 10 | B |
| 17526 | Describe and operate low-pressure water blaster in an abrasive blasting and protective coating environment Demonstrate knowledge of and operate low-pressure water blaster for blaster coating operations | 2 | 10 4 | B |
| 17529 | Conduct safety audit for an abrasive blasting and protective coating operation | 3 | 3 | B |
| 17531 | Demonstrate knowledge of abrasive blasting and protective coating Demonstrate basic knowledge of abrasive blasting and protective coating | 2 | 6 | B |
| 17532 | Demonstrate knowledge of abrasive blasting and protective coating waste disposal Demonstrate knowledge of environmental protection and waste disposal for blaster coating operations | 3 | 3 | B |
| 17534 | Demonstrate knowledge of and operate gantry crane in an abrasive blasting and protective coating workshop | 3 | 5 | D |
| 17535 | Supervise safety on an abrasive blasting and protective coating site | 4 | 20 | D |
| 17537 | Work safely in an abrasive blasting and protective coating environment Work safely under supervision in blaster coating operations | 2 | 6 4 | B |

| ID | Title | Level | Credit | Review Category |
|-------|--|-------|--------|-----------------|
| 17547 | Demonstrate knowledge of health and safety in abrasive blasting and protective coating environments Demonstrate knowledge of health and safety for blaster coating operations | 2 | 5 | B |
| 23539 | Perform pre-start checks, use, and shut down generator or compressor for abrasive blasting and protective coating Perform pre-start checks, use, and shut down a compressor for blaster coating operations | 2 | 2 | B |

Engineering and Technology > Blaster Coating > Protective Coating

| ID | Title | Level | Credit | Review Category |
|-------|--|-------|--------|-----------------|
| 17527 | Demonstrate knowledge of and prepare surfaces for protective coating application | 2 | 4 | B |
| 17538 | Apply sprayed metallic protective coating under supervision | 2 | 6 | B |
| 17539 | Describe and apply wet protective coatings | 4 | 25 | B |
| 17540 | Prepare for and apply wet protective coatings under supervision | 2 | 6 | B |
| 17541 | Demonstrate knowledge of protective coatings and thinners Demonstrate knowledge of protective coatings and their thinners | 3 | 5 | B |
| 17542 | Demonstrate knowledge of film thickness and measuring instruments, and test protective coatings Demonstrate knowledge of film thickness measurement and porosity detection, and test protective coatings | 3 | 8 | B |
| 17543 | Describe safety procedures for, and mix and thin, protective coatings | 3 | 4 | B |
| 17544 | Supervise the application of metallic protective coatings Supervise metallic protective coating operations | 4 | 20 | B |

Engineering and Technology > Blaster Coating

| ID | Domain | Title | Level | Credit | Review Category |
|--------------|---|--|----------|----------|-----------------|
| 17545 | Blaster Coating Operations | Work safely at an exterior abrasive blasting and protective coating site | 3 | 6 | C |
| 27776 | Blaster Coating Operations | Confirm requirements and prepare for blaster coating operations at an exterior site | 3 | 4 | |
| 27777 | Protective Coating | Apply protective coating to a fixed structure or oversize plant at an exterior site | 3 | 4 | |
| 17546 | Blaster Coating Operations Protective Coating | Work safely at an abrasive blasting and protective coating workshop Work safely at a protective coating workshop | 3 | 4 | B |