

NATIONAL ELECTROTECHNOLOGY TRAINING PACKAGE REVIEW – PHASE II

ACTULMITB 2ND BIMONTHLY PROGRESS REPORT Jan/Feb 2003

Consultations

1. **NOHSC** – Mr Bob Taylor, Mr Mick Peterson and Mr PJ Fleming, met on 4th February, 2003. Key points of discussion included:
 - Consultation process in regard to NOHSC’s input into the National Training Package review.
2. **Victorian Consultative Committee** – Mr Bob Taylor, Mr Ian Neeson, Mr Brian Seymour and Mr Darrell Hills, met on 6th February, 2003, with key Registered Training Organisation and ITAB representatives from across Victoria. Key points of discussion included:
 - Overview of the project
 - Progress to date
 - Tabled draft units
 - Format of the National Training Package
 - Formal request for input in the Review
 - Importance of NETAG’s Electronic Industry Reference Group involvement in the Review.
3. **National ITAB, Tasmanian ITAB & Energex** – Mr Bob Taylor, Mr Tony Palladino, Mr John Karsnia and Mr Bernard van den Bergen, met on 19th February, 2003. Key points of discussion included:
 - Tabled draft cross-industry units
 - Rationale for cross-industry units
 - Size of units
4. **ANTA** – Mr Bob Taylor, Mr Ian Neeson, Mr Peter Hannigan and Ms Samantha Teirney, met on 20th February, 2003. Key points of discussion included:
 - Overview of Review
 - Progress to date
 - Name of Training Package - *Electrotechnology Training Standards*
 - Format of Training Package – volumes, size of units, cross-industry units.

5. Department of Mineral Resources - Mr Ian Neeson met with representatives from the Department of Mineral Resources on 28th February, 2003. Key points of discussion included:

- The qualifications proposed by Mining Industries ITAB do not meet that required for NSW
- NSW require an AQF level 6 (i.e. Advanced Diploma) as a minimum base qualification with a mining specialisation. It was suggested that a person with an electrical engineering degree (with Power system major) would acquire the same mining competency units through the VET system.
- Why is the qualification being proposed by Mining Industries ITAB when it is made up of so many 'NUEITAB' units? The Department's view was clear — the qualification should be with EEQSBA.
- Why is a qualification being proposed of Units that no (known) RTO registered to deliver or assess? The Department themselves expects that it will take up to 8 years for a person to attain a qualification irrespective of the pathway they take. i.e.CIII/CIV/Diploma/ Advanced Diploma, Advanced Diploma or Degree + Vet .
- Given the previous points and that an Advanced Diploma course is currently available in NSW, all present at the meeting voiced a strong preference for qualifications based on the Electrotechnology Vocational Standards to be available in 2005. The Department agreed to review and provide input to our development work

The outcomes of these consultations will be taken into consideration throughout Phase II of the National Electrotechnology Training Package review. Specifically, the consultations will influence the following characteristics of the National Training Package:

- Size of Units
- Cross Industry Units
- Training Package Title
- Format of Documents
- Qualification numbers and sectors

Activities

NSW/ACT State ITAB Joint Conference

In addition to the above consultations the ACT and NSW State ITABs have conducted their annual joint conference. The conference was held on 17th and 18th February and included considerable discussion of industry skill needs, planning priorities and review of the Electrotechnology and Utilities suite of National Training Packages. International benchmarking between Australia, the United Kingdom and New Zealand was also a key component of the conference.

Outcomes of conference discussions will be taken into consideration in the development of the revised National Electrotechnology Training Package. The Conference Attendance List is included in Appendix 1.

National Training Package Development – progress to date

The following progress has been made in regard to review of the National Training Package content and structure:

Units of Competency

- Units specific to the disciplines across Electrotechnology spectrum
- Cross-discipline units
- Encompass a smaller scope of work than existing units
- Identified with intended AQF levels
- Essential knowledge and skills directly related to elements / performance criteria
- Remove Unit Categories
- Discipline specific units:
 - Assembly
 - Broadcast
 - Commercial
 - Computer Systems
 - Cross-discipline
 - Renewable Energy
 - Data Communication.
 - Electrical
 - Electronics
 - Instrumentation + Control
 - Refrigeration + Air Conditioning

Qualifications

- Cover AQF levels 1 to 6
- Comprises Core + Electives Units
- Core will include Cross-disciplined units
- Elective Units selected define specialisation
- Multiple-entry

Training Package Publication - Conforming to ANTA template

Volume 1

Part 1: General requirements

Part 2: Structure of qualification

Part 3: Assessment guidelines

Volume 2

Part 1.1 to 1.12: Units of Competency by discipline

Part 2: Essential knowledge and associated skills

Unit Fields

Title: Work function and discipline that the unit covers

Scope/Descriptor: Description of the work covered by the unit and the skills this encompasses

Prerequisites: Other Competency Units that needed be achieved before undertaking the unit if optimisation of training and assessment effort is to be realised.

Elements: Work outcomes that make up the unit

Performance criteria: The required level of performance for each element

Range statement: The various materials /equipment and conditions that may be applied within the unit scope.

Evidence guide:

Context of assessment: Conditions under which assessment shall be conducted and variations that may be used

Concurrent assessment and relationship with other units: Other units that could be assessed concurrently with the unit to assist in optimising training and assessment effort.

Critical aspects of evidence: Summary of evidence of skills and knowledge essential to competent performance and on which competence is to be deemed

Essential knowledge and associated skills: Reference to summaries of subject matter, level and scope of knowledge (and associated skills) required as an essential component of competence. The summaries are to be contained in Volume Part 2 Essential Knowledge and Associated Skills.

Concept draft

A concept draft for the qualification, Certificate III in Electrotechnology Electronics, was also prepared and displayed for comment during consultation with key RTO representatives in Victoria.

Conclusion

To date progress towards successful completion of Phase II of the National Electrotechnology Training Package Review has continued with little obstruction. The project is running according to schedule and budget.

APPENDIX 1: ACT & NSW ITAB CONFERENCE 2003, ATTENDANCE LIST

Title	Name	Surname	Title	Name	Surname	Title	Name	Surname
Mr	Bill	Fenton	Mr	Anthony	Nicholson	Mr	Steve	Weatherstone
Mr	Stephen	Collier	Mr	Craig	Moody	Mr	David	Young
Mr	Werner	Muller	Mr	Noel	Munkman	Mr	Niel	Jacobsen
Mr	David	Tooes	Mr	Vic	Camilleri	Mr	Graham	Cross
Mr	Eugene	Tse	Mr	John	Karsznia	Ms	Jenny	Marks
Mr	Bob	Howlett	Mr	Steve	Webb	Ms	Shirley	O'Donohoe
Mr	Bill	Roberts	Mr	Peter	Burgess	Mr	Mario	Gauci
Dr	Andrew	Stevenson	Ms	Katherine	Curic	Mr	Keith	Dykes
Mr	Steve	Laurie	Mr	John	Malcolm	Ms	Jenny	Callahan
Mr	Barry	Dawson	Mr	Mike	Frew			
Mr	Jim	Tinslay	Mr	John	Shearston			
Mr	Graham	Toohey	Mr	Paul	Dollinsson			
Mr	Greg	McLean	Mr	Carl	Thompson			
Mr	Trevor	Nayler	Mr	Peter	Millmore			
Mr	Joe	Calabrese	Mr	John	Stevenson			
Mr	Rob	Alexander	Mr	Rex	Davies			
Mr	Chris	Touhill	Ms	Avis	Williamson			
Mr	Jeff	Byrne	Mr	Peter	Fleming			
Mr	Norm	Cahill	Mr	Bob	Taylor			
Ms	Ie Mie	Liong	Ms	Michelle	Strapp			
Ms	Moushumi	Ghosh	Ms	Natasha	Nicol			
Mr	Warren	Aberley	Mr	Jim	Price			
Mr	Rod	Gunton	Ms	Joan	Whelan			
Ms	Anjie	Lees	Mr	Nick	Crosling			
Mr	Peter	Camer	Mr	Rod	Hart			
Mr	Darren	Jensen	Mr	Andrew	Smith			
Mr	Mike	Horne	Mr	Alan	Birse			
Mr	Jim	Macfadyen	Mr	Peter	Bowd			
Mr	Gordon	Dewey	Mr	David	Hughes			
Mr	Steve	Butler	Mr	David	Seinor			
Mr	James	Day	Mr	Bob	McDougall			
Mr	Graham	La Motte	Mr	Tony	Cannard			
Mr	Bob	Lowe	Mr	Ashley	Hartnell			
Mr	Peter	Stevens	Mr	Terrie	Furlong			
Mr	Keith	Maidment	Mr	David	Conyngnam			

