VETASSESS

Information sheet

Cardiac Technician

ANZSCO: 311212 **Group E**

About this document

- The following Information Sheet is for your reference only and should be used as a guide to assist with your Skills Assessment application to VETASSESS. This information is subject to change.
- Please note that a Skills Assessment of the qualification involves assessment of both the qualification level and content. Qualifications are assessed according to the guidelines published by the Australian Government Department of Education.
- The employment assessment involves determining the skill level and relevance of the tasks undertaken.
- Integrity checks may be conducted to verify the qualification and employment claims made in an application.

Job description

Conducts tests on patients to record heart activity using specialised equipment, recording devices and laboratory instruments in support of Cardiologists and other Medical Practitioners engaged in diagnosing, monitoring and treating heart disease.

Occupations considered suitable under this ANZSCO code:

1. Cardiac Technologist
2. Electrocardiographic Technician

Cardiac Technician is a VETASSESS Group E Occupation

GROUP E	Criteria for a suitable Skills Assessment		
	Comparable Diploma AQF level	With highly relevant major field of study	Highly relevant employment duration
1	 +  + 		

Pre-qualification methodology does not apply to Group E occupations

The information below describes the available pathways for a Skills Assessment under**Group E**. Please note that in order to achieve a suitable Skills Assessment Outcome, a suitable assessment for both qualifications and employment is required.

Pathway 1

This occupation requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Diploma or higher, and in a field highly relevant to the nominated occupation.

In addition to the above, it is essential for applicants to meet the following employment criteria:

- at least one year of post-qualification employment at an appropriate skill level, undertaken in the last fiveyears,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Qualification

Highly relevant major fields of study include:

- Cardiac Technology
- Diagnostic Radiography
- Health Science
- Medical Science
- Nursing
- Physiotherapy
- Exercise Physiology
- Biophysics
- Exercise and Sport Science

This occupation requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Diploma or higher, and in a field highly relevant to the nominated occupation.

Employment Criteria

Highly relevant tasks include, but are not limited to:

- Electrocardiography (ECG) - recording the electrical activity of the heart, from which the heart rate is measured and its pattern and rhythm are interpreted
- Ambulatory monitoring - fitting a portable ECG monitor to record the ECG over a 24-hour period, and replaying and analysing the tape on a computerised system
- ECG stress testing - assessing a patient's cardiac response to exercise using a treadmill or stationary bicycle and ECG recording
- Pacemaker implant testing - testing and, if necessary, reprogramming implanted cardiac pacemakers with computerised equipment
- Cardiac catheterisation - monitoring and recording ECG and blood pressure data during interventional procedures
- Electrophysiology studies - using computerised systems to record ECG data from within the heart in order to diagnose and treat abnormal heart rhythms
- Echocardiography - operating ultrasound equipment to scan the heart from the chest wall, obtaining and measuring images of the heart to assess blood flow and valve abnormalities
- Cardiac research - studying the effects of cardiovascular drugs and diseases using many of the above techniques.

Additional tasks may include

- Recording the electrical activity of the heart, from which the heart rate is measured and pattern and rhythm interpreted
- Setting up, checking and maintaining operating theatres, anaesthetic workstations, life support machines and associated equipment

It is essential for applicants to meet the following employment criteria:

- at least one year of post-qualification employment at an appropriate skill level,
- undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Please note in order to achieve a successful Skills Assessment Outcome, a positive assessment for both qualifications and employment is required.