



**INSTITUTION OF ENGINEERS
SINGAPORE**

**CHARTERED
ENGINEERING
TECHNOLOGIST
OF
SINGAPORE**

**COMPETENCY STANDARD
&
ASSESSMENT STATEMENT**

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PART 1 - INTRODUCTION

1 REGISTRATION AS CHARTERED ENGINEERING TECHNOLOGIST OF SINGAPORE

- 1.1 The registration for Chartered Engineering Technologist of Singapore by the Institution of Engineers Singapore (IES) is to recognise persons who have demonstrated that they are able to practise competently in their practice area.
- 1.2 The level of professional competency which IES's Chartered Engineering Technologist is expected to meet, is listed as Competency Standard in Part 4 of this Assessment Statement. This set of Competency Standards has been developed with reference to the Technical Skills & Competencies (TSCs) in the Skills Framework¹.
- 1.3 The IES will keep a register of Chartered Engineering Technologists, which will list individuals who have been registered as Chartered Engineering Technologists. These Chartered Engineering Technologists will be able to use the post-nominal "CETg" to their names.

¹ The Skills Framework can be downloaded from SSG's website: <https://www.skillsfuture.gov.sg/skills-framework>

PART 2 - REGISTRATION POLICY

2 CHARTERED ENGINEERING TECHNOLOGIST AND TECHNICIAN ACCREDITATION BOARD (CETTAB)

- 2.1 For the purpose of the registration of Chartered Engineering Technologist of Singapore, the IES Council has constituted the Chartered Engineering Technologist and Technician Accreditation Board (CETTAB). The CETTAB will manage the assessment and registration process, and approve engineering Technologists to be registered as Chartered Engineering Technologist of Singapore.
- 2.2 The IES Council shall appoint Board Members of CETTAB who may be representatives from government, industry, relevant professional associations, or higher education institutions delivering engineering programs.
- 2.3 CETTAB will approve the registration of each successful engineering Technologist by positive vote of more than half of the total number of Board Members in the CETTAB.
- 2.4 The contact person for CETTAB is:
Secretary
Chartered Engineering Technologist and Technician Accreditation Board
The Institution of Engineers, Singapore
70 Bukit Tinggi Road
Singapore 289758
Tel: (65) 64695000
Email: cettab@iesnet.org.sg

PART 3 - ELIGIBILITY REQUIREMENTS

3 REQUIREMENTS FOR REGISTRATION

3.1 An engineering Technologist has to fulfil the following requirements in order to qualify for registration as Chartered Engineering Technologist:

- (i) is Member of IES; and
- (ii) has met the criteria in either of the pathways for registration as stated in 4.1;
- (iii) has a letter of recommendation to be a Chartered Engineering Technologist provided by his/her employer or user of service;
- (iv) attends an interview if requested by the assessment panel;
- (v) agrees to pursue continuing professional development at a satisfactory level prescribed by the CETTAB; and
- (vi) agrees to be bound by the IES's Rules for Professional Conduct.

4 PATHWAYS FOR REGISTRATION

4.1 Engineering Technologists seeking registration as Chartered Engineering Technologist of Singapore through one of the following two pathways –

Pathway A

An engineering Technologist who meets the following criteria can qualify for registration as a Chartered Engineering Technologist –

- i) passed the Technical & Skills Competencies assessment for a specific industry sector (listed in Appendices) conducted by the CETTAB accredited assessment centre(s) listed in Annex B; and
- ii) obtained at least 6 years of relevant practical work experience as an engineering technologist.

Pathway B

An engineering Technologist who meets the following criteria can qualify for registration as a Chartered Engineering Technologist –

- i) completed an engineering diploma course or any substantially equivalent academic programme recognised by the IES²; and
- ii) passed the Technical & Skills Competencies assessment for a specific industry sector (listed in Annex A) conducted by the CETTAB accredited assessment centre(s) listed in Annex B; and
- iii) obtained at least 3 years of relevant practical work experience as an engineering Technologist.

² A list of qualifications that has been deemed as substantially equivalent to an engineering diploma course can be found in IES's website on registration as Chartered Engineering Technologist of Singapore.

5 INDUSTRY SECTOR OF ENGINEERING PRACTICE

- 5.1 CETTAB will identify and approve a list of recognised engineering practice from various industry sectors and an engineering technologist shall be assessed under a recognised engineering practice in the list. (The list of industry sectors of engineering practices, as shown in Annex C, will be updated to include new industry sectors and tracks as necessary.) The registration of Chartered Engineering Technologists will be based on the engineering practice in his/her specific track of the industry sector.**

PART 4 - COMPETENCY STANDARD

6 LEVELS OF COMPETENCY STANDARD

6.1 The Competency Standard³ is the ability to perform at the level of Technical Skills & Competencies that represents broad practice areas of professional engineering performance. These levels of Technical Skills & Competencies are adapted from the Skills Framework.

6.2 The Competency Standard of Chartered Engineering Technologist to be referred is pegged to level 3 or 4 of Technical Skills & Competencies and is shown in Table 6.1 below.

Table 6.1

| Level | Responsibility (Degree of supervision and accountability) | Autonomy (Degree of decision-making) | Complexity (Degree of difficulty of situations and tasks) | Knowledge and Abilities (Required to support work as described under Responsibility, Autonomy and Complexity) |
|-------|--|---|--|---|
| 3 | Work under broad direction May hold some accountability for performance of others, in addition to self. | Use discretion in identifying and responding to issues, work with others and contribute to work performance | Less routine | <ul style="list-style-type: none"> • Apply relevant procedural and conceptual knowledge, and skills to perform differentiated work activities and manage changes • Able to collaborate with others to identify value-adding opportunities |
| 4 | Work under broad direction Hold accountability for performance of self and others. | Exercise judgement; Adapt and influence to achieve work performance | Less routine | <ul style="list-style-type: none"> • Evaluate and develop factual and conceptual knowledge within a field of work • Select and apply a range of cognitive and technical skills to solve non-routine/abstract problems • Manage work activities which may be unpredictable • Facilitate the implementation of innovation |

6.3 Details of the knowledge and abilities for each of the Technical Skills & Competencies in each of the industry sectors are provided in the Appendices.

³ Competency Standard is an indication of level of performance expected of a professional engineering Technologist and Technician.

6.4 Only assessment centres with assessment programme accredited by CETTAB are allowed to carry out assessment for each of the Technical Skills & Competencies. The list of assessment centres with accredited assessment programme is shown in Annex B.

PART 5 - ASSESSMENT

7 ASSESSMENT

- 7.1 CETTAB will appoint an Assessment & Quality Assurance Committee (AQAC) for each industry sector, to review and assess applications for registration as Chartered Engineering Technologist.
- 7.2 The AQAC will appoint one or more independent assessors to be part of the assessment panel to evaluate the engineering Technologist on his/her Technical & Skills Competencies of the specific industry sector.
- 7.3 The AQAC will make their recommendations to CETTAB on whether an engineering Technologist should be registered through a review of the application form and documents therein.

8 AVOIDANCE OF CONFLICT OF INTEREST

- 8.1 In order to avoid possible conflict of interest, members of the AQAC and assessment panel are not expected to have or have had a close, active association with the engineering Technologist or his/her work experience. Close/active association are, for example
 - a) being a relative of the engineering Technologist by birth or marriage; and
 - b) being employed, either currently or within the past 3 years, as staff or consultant by the organisation in which the engineering Technologist's work experience was obtained.

PART 6 - OBLIGATIONS OF AND RULES GOVERNING CHARTERED ENGINEERING TECHNOLOGISTS

9 BOUND BY RULES OF PROFESSIONAL CONDUCT

- 9.1 Chartered Engineering Technologists of Singapore are assessed for skills & competencies in their domain of engineering practice in a specific industry sector. Chartered Engineering Technologists shall therefore not claim competency by virtue of their registration as Chartered Engineering Technologist in other areas of engineering practice that lie outside their area of expertise
- 9.2 Chartered Engineering Technologists are bound by the IES's Rules for Professional Conduct.
- 9.3 Chartered Engineering Technologists are required to maintain their continuing professional development at a satisfactory level, which should not be less than the level as prescribed by the CETTAB in Annex D. CETTAB may carry out random audit (of between 2% and 5% of records for the past year) of participation in CPD programme.

10 DISCIPLINARY ACTION

- 10.1 A complaint against any Chartered Engineering Technologist relating to contravention of the rules of professional conduct shall be lodged with the Secretary of the CETTAB.
- 10.2 If CETTAB has determined the complaint to be bona fide, CETTAB will set up an Investigation Committee to investigate into the complaint and make recommendations to the CETTAB.
- 10.3 Any action to be taken by the CETTAB against the Chartered Engineering Technologist, including removal from the register, shall not be taken unless the Chartered Engineering Technologist has been given an opportunity of being heard.

11 DISPUTE RESOLUTION

- 11.1 An engineering Technologist may appeal against the refusal to be placed on the register.

- 11.2 A Chartered Engineering Technologist may appeal against the decision of the CETTAB to remove him/her from the register.**
- 11.3 An appeal must be made in writing to the Honorary Secretary, Council of IES within 30 days after receiving notification of refusal or removal. The appeal should be accompanied by a clear statement of the grounds for appeal.**
- 11.4 The Council of IES will appoint an Appeal Committee comprising not less than 3 members to consider the appeal and to submit its findings and recommendations within 60 days.**
- 11.5 The Council of IES will consider the findings of the Appeal Committee and arrive at a final decision within 90 days after the formation of the Appeal Committee.**
- 11.6 If the appeal is denied, the IES Council will provide the appellant with reasons for the decision.**
- 11.7 If a review of the registration is necessary, the IES Council, in consultation with CETTAB, will appoint another Assessment Panel to carry out the review.**
- 11.8 If appeal for reinstatement on the register is successful, CETTAB will reinstate the Chartered Engineering Technologist on the register.**
- 11.9 The IES Council may impose a fee for lodgement of an appeal. The fee will be refunded to appellant's membership account if the outcome is in appellant's favour, but there will be no refund if the original decision is upheld.**

PART 7 - APPLICATION GUIDANCE

12 APPLICATION FORM

12.1 The Application Form is available for download from the IES web site.

13 WHO IS ELIGIBLE TO APPLY

13.1 Application for registration as Chartered Engineering Technologist is open only to members of IES.

13.2 CETTAB may refuse to register an engineering Technologist who in its opinion is not of good character or reputation.

14 RENEWAL OF REGISTRATION

14.1 Every Chartered Engineering Technologist who wishes to renew his/her registration has to fulfil the following requirements:

- a) Obtain a minimum of 40 PDUs every 2 years over the renewal qualifying period
- b) Update particulars on the IES Chartered Technologist database
- c) Pay the IES Chartered Technologist renewal fee
- d) Make the necessary declarations in the renewal application form.

14.2 Refer to Annex D for more details.

PART 8 - BIBLIOGRAPHY

- 1. International Engineering Technologist Agreement Version 1.4**
- 2. Agreement for International Engineering Technicians Version 1.4**
- 3. International Engineering Alliance – “Graduate Attributes and Professional Competencies”, June 2013**
- 4. IPENZ – Chartered Professional Engineer Competence Standard**
- 5. The Institution of Mechanical Engineers, UK – Chartered & Incorporated Engineers Application Guidance**
- 6. The Professional Engineers Board, Singapore – Continuing Professional Development for Professional Engineers**
- 7. Skills Framework - <https://www.skillsfuture.sg/skills-framework>**

ANNEX A – TECHNICAL SKILLS & COMPETENCIES FOR EACH OF THE INDUSTRY SECTORS

A.1 Skills Framework

- A1.1** In the Skills Framework, there is a unique set of Technical Skills & Competencies (TSCs) for each of the industry sectors and tracks. In each set of TSCs, there are TSC map and reference documents as shown in the Appendices
- A1.2** To be Chartered Engineering Technologist, he/she has to pass the assessment for the set of TSCs stipulated in the Appendices for the particular industry sector and track. The assessment on the set of TSCs is conducted by the assessment centres as listed in Annex B.

ANNEX B – ACCREDITED TECHNICAL & SKILLS COMPETENCIES ASSESSMENT CENTRES

B.1 The following are accredited Technical & Skills Competencies assessment centres which have been approved by the CETTAB:

| Sector | Track | Assessment Centre | Effective Date |
|----------------|--------------|--------------------------|-----------------------|
| Land Transport | Automotive | Singapore Bus Academy | January 2020 |

ANNEX C - LIST OF INDUSTRY SECTORS AND TRACKS

| Industry Sector | Track | Start of Registration |
|------------------------|--------------|------------------------------|
| Land Transport | Automotive | January 2020 |

ANNEX D - CONTINUING PROFESSIONAL DEVELOPMENT (CPD) FRAMEWORK

D1 CPD Policy

D1.1 In the prevailing fast changing environment, there is a need for Chartered Engineering Technologists in Singapore to pursue lifelong learning to maintain and update their professional competence on a continuing basis.

D1.2 As a Chartered Engineering Technologist may be operating under circumstances which are unique to him/her, the focus of the CPD activities is best left to each Chartered Engineering Technologist to decide. The principle is that the relevant CPD activities must be those related to the scope of practice of each Chartered Engineering Technologist. There is therefore no prescribed rules as to the nature and type of activities to be undertaken but each Chartered Engineering Technologist will be given the flexibility to select from amongst a broad range of activities. The range of activities in this CPD programme is not intended to be exhaustive but to act as a general guide. The activities that would be relevant are those that will enable one to

- a) maintain, improve, or expand his/her technical skills and knowledge;
- b) keep abreast of changing procedures and standards;
- c) understand and apply advances in technology;
- d) better serve the engineering profession, community and environment;
- e) develop communication and management skills; and
- f) broaden into related fields, such as those covering management, financial or legal aspects.

D2 Definitions

D2.1 The terms used in this document have the following meanings

- a) “contact hour” refers to an attendance or involvement lasting one hour;
- b) “professional development units” or “PDU” refers to the unit of measure for effort in continuing professional development program;
- c) “renewal qualifying period” refers to a 24-month period immediately preceding the application for renewal of registration;

D3 Activities

D3.1 The types of relevant CPD activities are as follows:

- a) Accredited formal study courses, lectures, short courses, conferences, workshops, seminars and in-house training (e.g. Relevant degree, diploma, and WSQ skills-based courses on engineering and/or project management);
- b) Participation in Professional Boards, Committees and Societies (e.g. Member of Boards of local Professional institutions or relevant government agencies);
- c) Contribution to relevant engineering or management knowledge (e.g. Conduct accredited lectures, seminars, conferences or training courses for the first time);
- d) Self-study of relevant topics (e.g. Reading of relevant technical, professional, financial, legal or business literature;
- e) Informal In-house training and discussion;
- f) Non-accredited engineering activities.

D4 Carrying over of excess PDUs

D4.1 If a Chartered Engineering Technologist exceeds the biennial requirement in one renewal qualifying period, a maximum of 20 PDUs from excess PDUs may be carried forward into the next renewal qualifying period.

D5 Insufficient PDU for renewal of registration

D5.1 A Chartered Engineering Technologist who has not obtained sufficient PDUs in the renewal qualifying period to meet the requirement for renewal of his registration may apply to have his registration renewed by providing reasons for the failure to meet the requirement. The CETTAB may renew his/her registration and may impose a condition that the shortfall in PDUs in that renewal qualifying period has to be obtained during the following renewal qualifying period. The PDUs to be obtained in the next renewal qualifying period to meet the shortfall would not be used for the renewal of the registration for the next renewal period.

D6 Reinstatement after a lapse of 3 years

D6.1 A Chartered Engineering Technologist whose registration had lapsed for 3 years or more will be removed from the register.

D7 Exemptions

D7.1 A Chartered Engineering Technologist may be exempted, subject to review and approval of the CETTAB, from CPD requirements if he/she experiences physical disabilities, prolonged illness or other extenuating circumstances.

D8 Records

D8.1 When applying for renewal of registration, a Chartered Engineering Technologist is to submit the Biennial Renewal Form (which can be downloaded from the IES web site) which contains a form to record the PDUs obtained during the renewal qualifying period. Chartered Engineering Technologists do not have to submit documentary evidence together with the Biennial Renewal Form. However, Chartered Engineering Technologists are advised to retain their CPD documentary evidence for a period of at least 4 years.

D9 Audit Process

D9.1 CETTAB will conduct random audit on compliance with CPD. Those selected will be asked to produce documentary evidence of their CPD participation during the particular period. The documentary evidence may take any one of the following forms:

- a) Summary of diary records or a log showing the activities claimed;
- b) Course enrolment record;
- c) Receipts;
- d) Certificate of attendance;
- e) Attendance list from course organiser;
- f) Employer's report or certification.

APPENDIX I – LAND TRANSPORT (AUTOMOTIVE) TECHNICAL SKILLS & COMPETENCIES

Technical Skills & Competencies Assessment

| | Knowledge | Abilities | Interview |
|----------------------|---|--|---------------------------------|
| Pre-requisite | <ul style="list-style-type: none"> • Minimum 10 years of relevant working experience • Minimum NITEC/CTS Level 2 • Supervisory role with minimum 3 direct reporting technicians for at least 2 years | Pass MCQ assessment | Pass MCQ & Practical Assessment |
| Duration | 1 hours | Max 4 hours | Max 1 hours |
| Format | 30 MCQs | 1 integrated module practical assessment | 1 session |

Technical Skills and Competencies Map

| Chartered Technologist (Land Transport - Automotive) | | |
|---|---|---------|
| Sector | Land Transport | |
| Track | Automotive (Bus) | |
| Technical Skills & Competencies | | |
| Skills & Competencies | Bus Air-Conditioning Systems Maintenance | Level 4 |
| | Bus Brake Systems Maintenance | Level 4 |
| | Bus Drivetrain Systems Maintenance | Level 4 |
| | Bus Electrical and Electronic Systems Maintenance | Level 4 |
| | Bus Engine System Maintenance | Level 4 |
| | Bus Steering and Suspension Systems | Level 4 |

Technical Skills and Competencies Reference Document

| Technical Skills and Competencies (TSC) Reference Document | |
|--|---|
| TSC | Bus Air-Conditioning Systems Maintenance |
| TSC Proficiency | Level 4 |
| Knowledge | <ul style="list-style-type: none"> • Operating principles of bus air-conditioning systems • Types of failure investigation and prevention methods • Types of diagnostic tools and equipment • Diagnostic procedures for bus air-conditioning systems and components • Organisational maintenance procedures, Work Instructions (WI) and/or Original Equipment Manufacturer (OEM) technical recommendations • Methods to develop maintenance WI |
| Abilities | <ul style="list-style-type: none"> • Establish failure investigation and specify functional testing requirements • Perform fault analysis to address systemic failures on bus air-conditioning systems • Review data gathered from diagnostic procedures to recommend rectification solutions for recurring faults identified on bus air-conditioning systems • Analyse performance of bus air-conditioning systems to evaluate effectiveness of recommended rectification solutions • Review corrective and preventive maintenance regime of bus air-conditioning systems to ascertain effectiveness of maintenance procedures • Propose new and/or enhanced bus air-conditioning systems maintenance WI in reference to OEM technical recommendations |

| Technical Skills and Competencies (TSC) Reference Document | |
|--|--|
| TSC | Bus Brake Systems Maintenance |
| TSC Proficiency | Level 4 |
| Knowledge | <ul style="list-style-type: none"> • Operating principles of bus brake systems and its components • Principles of braking dynamics • Types and causes of systemic failures of bus brake systems • Types of failure investigation and prevention methods • Types of diagnostic tools and equipment • Diagnostic procedures for bus brake systems and components • Organisational maintenance procedures, Work Instructions (WI) and/or Original Equipment Manufacturer (OEM) technical recommendations • Methods to develop maintenance WI |
| Abilities | <ul style="list-style-type: none"> • Establish failure investigation and specify functional testing requirements • Perform fault analysis to address systemic failures on bus brake systems • Review data gathered from diagnostic procedures to recommend rectification solutions for recurring faults identified in bus brake systems • Analyse performance of bus brake systems to evaluate effectiveness of recommended rectification solutions • Review corrective and preventive maintenance regime of bus brake systems to ascertain effectiveness of maintenance procedures |

| | |
|--|--|
| | <ul style="list-style-type: none"> Propose new and/or enhanced bus brake systems maintenance WI in reference to OEM technical recommendations |
|--|--|

| Technical Skills and Competencies (TSC) Reference Document | |
|--|---|
| TSC | Bus Drivetrain Systems Maintenance |
| TSC Proficiency | Level 4 |
| Knowledge | <ul style="list-style-type: none"> Operating principles of bus drivetrain systems Types and causes of systemic failures on bus drivetrain systems Types of failure investigation and prevention methods Types of diagnostic tools and equipment Diagnostic procedures for bus drivetrain systems and components Organisational maintenance procedures, Work Instructions (WI) and/or Original Equipment Manufacturer (OEM) technical recommendations Methods to develop maintenance WI |
| Abilities | <ul style="list-style-type: none"> Establish failure investigation and specify functional testing requirements Perform fault analysis to address systemic failures on bus drivetrain systems Review data gathered from diagnostic procedures to recommend rectification solutions for recurring faults identified on bus drivetrain systems Analyse performance of bus drivetrain systems to evaluate effectiveness of recommended rectification solutions Review corrective and preventive maintenance regime of bus drivetrain systems to ascertain effectiveness of maintenance procedures Propose new and/or enhanced bus drivetrain systems maintenance WI in reference to OEM technical recommendations |

| Technical Skills and Competencies (TSC) Reference Document | |
|--|--|
| TSC | Bus Electrical and Electronic Systems Maintenance |
| TSC Proficiency | Level 4 |
| Knowledge | <ul style="list-style-type: none"> Operating principles of bus electrical and electronic systems Types and causes of systemic failures on bus electrical and electronic systems Types of failure investigation and prevention methods Types of diagnostic tools and equipment Diagnostic procedures for bus electrical and electronic systems and components Organisational maintenance procedures, Work Instructions (WI) and/or Original Equipment Manufacturer (OEM) technical recommendations Methods to develop maintenance WI |
| Abilities | <ul style="list-style-type: none"> Establish failure investigation and specify functional testing requirements Perform fault analysis to address systemic failures on bus electrical and electronic systems Review data gathered from diagnostic procedures to recommend rectification solutions for recurring faults identified on bus electrical and electronic systems |

| | |
|--|--|
| | <ul style="list-style-type: none"> Analyse performance of bus electrical and electronic systems to evaluate effectiveness of recommended rectification solutions Review corrective and preventive maintenance regime of bus electrical and electronic systems to ascertain effectiveness of maintenance procedures Propose new and/or enhanced bus electrical and electronic systems maintenance WI in reference to OEM technical recommendations |
|--|--|

| Technical Skills and Competencies (TSC) Reference Document | |
|---|---|
| TSC | Bus Engine System Maintenance |
| TSC Proficiency | Level 4 |
| Knowledge | <ul style="list-style-type: none"> Operating principles of bus engine system Types and causes of systemic failures on bus engine system Types of failure investigation and prevention methods Types of diagnostic tools and equipment Diagnostic procedures for bus engine system and components Organisational maintenance procedures, Work Instructions (WI) and/or Original Equipment Manufacturer (OEM) technical recommendations Methods to develop maintenance WI |
| Abilities | <ul style="list-style-type: none"> Establish failure investigation and specify functional testing requirements Perform fault analysis to address systemic failures on bus engine system Review data gathered from diagnostic procedures to recommend rectification solutions for recurring faults identified on bus engine system Analyse performance of bus engine system post maintenance and repair activities to evaluate effectiveness of recommended rectification solutions Review corrective and preventive maintenance regime of bus engine system to ascertain effectiveness of maintenance procedures Propose new and/or enhanced bus engine system maintenance WI in reference to OEM technical recommendations |

| Technical Skills and Competencies (TSC) Reference Document | |
|---|--|
| TSC | Bus Steering and Suspension Systems Maintenance |
| TSC Proficiency | Level 4 |
| Knowledge | <ul style="list-style-type: none"> Operating principles of bus steering and suspension systems Types and causes of systemic failures on bus steering and suspension systems Types of failure investigation and prevention methods Types of diagnostic tools and equipment Diagnostic procedures for bus steering and suspension systems and components Organisational maintenance procedures, Work Instructions (WI) and/or Original Equipment Manufacturer (OEM) technical recommendations Methods to develop maintenance WI |
| Abilities | <ul style="list-style-type: none"> Establish failure investigation and specify functional testing requirements |

| | |
|--|---|
| | <ul style="list-style-type: none">• Perform fault analysis to address systemic failures on bus steering and suspension systems• Review data gathered from diagnostic procedures to recommend rectification solutions for recurring faults identified on bus steering and suspension systems• Analyse performance of bus steering and suspension systems to evaluate effectiveness of recommended rectification solutions• Review corrective and preventive maintenance regime of bus steering and suspension systems to ascertain effectiveness of maintenance procedures• Propose new and/or enhanced bus steering and suspension systems maintenance WI in reference to OEM technical recommendations |
|--|---|

APPENDIX II – AEROSPACE ENGINEERING TECHNICAL SKILLS & COMPETENCIES

To be included when it is available later.

APPENDIX III – BUILD ENVIRONMENT TECHNICAL SKILLS & COMPETENCIES

To be included when it is available later.

APPENDIX IV – ENVIRONMENT SERVICES TECHNICAL SKILLS & COMPETENCIES

To be included when it is available later.

APPENDIX V – PRECISION ENGINEERING TECHNICAL SKILLS & COMPETENCIES

To be included when it is available later.