



BCA CORETRADE SCHEME SKILLS ASSESSMENT AND FAMILIARIZATION COURSE FOR WELDING

1. INTRODUCTION

Construction Registration of Tradesman, or CoreTrade, is a registration scheme administered by the Building and Construction Authority for skilled and experienced construction personnel in the various key construction trades. This scheme was introduced to allow the construction industry to build up its core group of competent and experienced workers in key construction trades.

CoreTrade personnel may qualify as "Higher Skilled" under Ministry of Manpower (MOM)'s Foreign Worker Levy Scheme. There are 3 classes of CoreTrade personnel: Construction Tradesman, Foreman and Supervisor.

SETSCO SERVICES PTE LTD is an Approved Training and Testing Centre (ATTC) appointed by BCA for the welding trade. We conduct Familiarization Courses to prepare candidates for Skills Assessment for Tradesman and Trade Foreman.

2. APPLICATION OUTLINE

Applicant Company
Register online with BCA to confirm that workers are eligible at https://www.bca.gov.sg/CoreTrade/reg/Main/Main.aspx
Receive Acknowledgement Notice from BCA.
Register in One-Stop BCA portal Approach the Approved Test and Training Centre (ATTC) with the completed Application Form.
Items to be submitted to ATTC upon registration. <ol style="list-style-type: none"> 1. Copy of CoreTrade Acknowledgement Notice. 2. Copy of candidate's NRIC or valid Work Permit (front and back). 3. Copy of foreign candidate's valid passport. 4. Copy of Training Assistance Application with WTU Reference No. 5. Payment by Cash or Cheque. 6. Application Form

3. FAMILIARIZATION COURSE PROGRAMME DETAILS

PRACTICAL – Applicable for Tradesman and Foreman		
1	Briefing	Trainers Introduction
		Ice Breaker
		Course Overview
		Assumed Skills & Knowledge
		Course Objectives
		Assessment Criteria
2	Practical Lessons (Shielded Metal Arc Welding Process)	Lesson 1 – Safety
		Lesson 2 – PPE, welding equipment and tools
		Lesson 3 – Pre-assessment Hands-on Practice and Tutorial
		Interval – (Coffee/Tea break)
		Lesson 4 – Assessment Criteria for visual inspection of welds
		Course Assessment – Practical Hands-on Exam
3	Mock Practical Exam	Interval – (Lunch break)
4	Briefing with Demo	Lesson 5 – Requirements / expectations during the practical test
6	Discussion and Tutorial	Lesson 6 – Assessment and Tutorial
		Interval – (Coffee/Tea break)

7	Hands-on (practice) and coaching	Lesson 7 – Post assessment Hands-on Practice and Tutorial
		Housekeeping
Course Evaluation (Feedback)		
Class	Activity	Programme Details
THEORY – Applicable for Foreman Only		
8	Theory Lessons	Topic 1 – General Knowledge of Welding
		Topic 2 – Understanding of Welding Process & Welding Procedure Specification
		Interval – (Coffee/Tea break)
		Topic 3 – Quality of Weld
		Topic 4 – Welding Symbols and Welder Qualification
		Topic 5 – Construction Productivity
9	Quiz	End of Course Assessment – Theory Tutorial paper with 25 questions
10	Discussion / Tutorial	Conducting quiz
		Discussion on each question in the quiz

Course Duration: Tradesman – Practical (8 hours minimum)
Trade Foreman – Theory (4 hours minimum)
– Practical (8 hours minimum)

4. FEES

Tradesman SA (\$\$ 468) + FC (\$\$ 506) = \$\$ 974.00 (+ 7% GST) Trade Foreman SA (\$\$ 514) + FC (\$\$ 552) = \$\$ 1066.00 (+ 7% GST) Trade Foreman Upgrade SA (\$\$ 72) + FC (\$\$173) = \$\$ 245.00 (+ 7% GST)

5. WTU FUNDING

The Coretrade (Tradesman and Trades Foreman) is covered by the Workforce Training and Upgrading co-funding scheme. Please see attached table (page 3) for funding details.

6. SETSCO TRAINING PROGRAMME AND FACILITIES



Classroom Briefing and Lessons



Welding Bay for Hands-On Practical Session



One-On-One Coaching and Tutorial



Clean, Spacious Welding Area and Friendly Staff



Accurate and Helpful Evaluation of Test Specimens



7. CONTACT PERSONS IN SETSCO

For Quotation Requests:

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For Registration, Payment & Inquiries (BCA & FC):

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For Other Inquiries:

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SETSCO Services Pte Ltd

Your One-Stop Partner For Testing, Inspection, Calibration, Product Certification, Training & Consultancy Services



BCA SKILLS EVALUATION CERTIFICATE (KNOWLEDGE) or SEC (K) FOR CONSTRUCTION WORKFORCE

1. INTRODUCTION

As part of the efforts in raising the skills level among the workers, there is a need for the construction workforce to become knowledge-based.

The Skills Evaluation Certificate (Knowledge) or SEC (K) incorporates written test component in addition to the practical skill test.

2. ELIGIBLE CANDIDATES

- Any worker from any sector who wants to enter, or convert his work permit to, the Construction Sector.
- For foreigners, only workers from countries without Overseas Testing Centres (OTCs) and wants to work in Singapore can take the SEC(K).

3. APPLICATION OUTLINE

Applicant Company
Approach the Approved Test and Training Centre (ATTC) with the completed Application Form.
<p>Items to be submitted to ATTC upon registration.</p> <ol style="list-style-type: none"> Original valid passport of foreign candidate (only for workers in sectors other than Construction). Copy of candidate's NRIC or valid Work Permit (front and back). For Malaysians, a copy of IC and CSOC card. Personal Accident Insurance under applicant's name. Payment by Cash or Cheque. Application Form

4. OTHER BENEFITS

Skills Evaluation Certificate (K) issued under the Trade Test Programme is recognised by Ministry of Manpower (MOM) as basic skills certification for applying foreign workers' work permit in the construction sector.

5. FEES

1st or 2nd SEC(K) = S\$514.00 (+ 7% GST) Test
 Plate (4G) = S\$ 110.00 (+ 7% GST) Test Pipe
 (5G or 6G) = S\$150.00 (+ 7% GST)

Optional Courses

PACKAGE A: 8-Day Training = S\$1800.00 (+ 7% GST)
 PACKAGE B: 14-Day Training = S\$2200.00 (+ 7% GST)
 PACKAGE C: 1 -Day Training = S\$370.00 (+ 7% GST) Optional upon clients request.



BCA MULTI-SKILLING SCHEME - AN ALTERNATIVE UPGRADING PATH FOR CONSTRUCTION WORKFORCE

1. INTRODUCTION

The Multi-Skilling Scheme provides an alternative pathway for the industry to upgrade their experienced workers as "Higher Skilled" workers.

The Multi-Skilling Scheme registers workers competent in multiple trade skills. Multi-skilled workers offer greater flexibility in deployment on site and help to enhance productivity by reducing productivity downtime.

2. ELIGIBLE CANDIDATES

- Have a minimum of 4 years of construction experience in Singapore.
- Must have 1st SEC or SEC (K) on any trade.
- For second certification, an acceptable 2nd SEC(K) in a different trade from the first certification.

3. APPLICATION OUTLINE

Applicant Company
Register online with BCA to confirm that workers are eligible at https://www.bca.gov.sg/MULTISKILL/
Receive Acknowledgement Notice (Multi-Skill Registration) from BCA.
Register in BCA One -Stop portal and Approach the Approved Test and Training Centre (ATTC) with the completed Application Form.
<p>Items to be submitted to ATTC upon registration.</p> <ol style="list-style-type: none"> Copy of Multi-Skill Registration Acknowledgement Notice. Copy of candidate's NRIC or valid Work Permit (front and back). Copy of foreign candidate's valid passport. Copy of Training Assistance Application with WTU Reference No. Payment by Cash or Cheque. Application Form

4. EXPRESS COURSE

SetSCO offers a Welding Express Course for 2nd SEC(K) under the Multi-Skilling Scheme for candidates who would like to opt for going on training before taking the test.

Fees are listed under BCA SEC(K).

5. WTU FUNDING

The 2nd SEC(K) and Courses for Welding is covered by the Workforce Training and Upgrading co-funding scheme. Please see attached table (page 3) for funding details.

6. OTHER BENEFITS

Just like the CoreTrade personnel, Multi-Skilled workers may qualify as "Higher Skilled" under Ministry of Manpower (MOM)'s Foreign Worker Levy Scheme.



BCA CONTINUAL EDUCATION TRAINING (CET) FOR CORETRADE PERSONNEL UNDER STRUCTURAL STEEL WORKS TRADE

1. INTRODUCTION

The Continual Educational Training (CET) aims to keep CoreTrade personnel abreast of the latest technology and work practices to increase productivity continuously, which comprises of Codes and Regulations, Construction Technology, Safety, Construction Work Practices and Productivity Concepts.

2. ELIGIBLE TRAINEES

- Must be registered CoreTrade personnel in the same trade of the CET he is attending.
- Possess Acknowledgement Notice from BCA to attend CET.

3. COURSE OBJECTIVES

To update the Core Trade personnel on the latest codes and regulations of the trades, new installation methods, equipment, materials, tools of the trades, so as to upkeep the good practices on site incorporating quality, productivity, and health & safety aspects of the trades.

4. COURSE DETAILS

- Duration: Minimum 4 hours of Theory Lessons (excluding breaks)
- Attendance: 100% (Trainees have to complete a minimum of 75% attendance to be eligible to receive a Certificate of Attendance.)
- Assessment: At the end of the training, the trainees will be assessed based on the topics covered. They will be required to answer a set of 20 multiple choice questions within 30 minutes.

5. CONTACT PERSONS IN SETSCO

For Quotation Requests:

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Course Code	Course Title	Course Type	ATTC Code	No. of Days	No. of Hours	Training Fee (w/o GST)	Test Fee (w/o GST)	Course Fee (w/o GST)	Locals			Foreigners		
									Training Funded Amt	Test Funded Amt	Total Amt	Training Funded Amt	Test Funded Amt	Total Amt
44061	WELDING - SEC(K) (EXPRESS FC+SE) PACKAGE A	MS	SCS1	8+1	64+2	\$ 1,800.00	\$ 514.00	\$ 2,314.00	\$ 981.00	\$ 396.00	\$ 1,377.00	\$ 720.00	\$ 188.00	\$ 908.00
44056	WELDING - SEC(K) (EXPRESS FC+SE) PACKAGE B	MS	SCS1	14+1	112+2	\$ 2,200.00	\$ 514.00	\$ 2,714.00	\$ 981.00	\$ 396.00	\$ 1,377.00	\$ 872.00	\$ 188.00	\$ 1,060.00
14056	WELDING - SEC(K) (SE)	MS	SCS1	1	2	\$ -	\$ 514.00	\$ 514.00	\$ -	\$ 396.00	\$ 396.00	\$ -	\$ 188.00	\$ 188.00
49116	WELDING - TRADE FOREMAN (FC+SA)	CT	SCS1	2+1	12+2	\$ 552.00	\$ 514.00	\$ 1,066.00	\$ 432.00	\$ 396.00	\$ 828.00	\$ 192.00	\$ 188.00	\$ 380.00
48116	WELDING - TRADESMAN (FC+SA)	CT	SCS1	1+1	8+1	\$ 506.00	\$ 468.00	\$ 974.00	\$ 396.00	\$ 365.00	\$ 761.00	\$ 176.00	\$ 173.60	\$ 349.60