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1 March 2012

Dear Sirs,

## **IMPLEMENTATION OF BUILDING AND CONSTRUCTION AUTHORITY (REGISTRATION OF CONSTRUCTION PERSONNEL) (AMENDMENT) REGULATIONS 2012**

This circular informs the industry of the amendments to the Building and Construction Authority (Registration of Construction Personnel) (Amendment) Regulations 2012.

### **Introduction of the Registration Class of CoreTrade Supervisors**

2 From **1 April 2012**, BCA will be introducing a new registration class of CoreTrade Supervisors. This will extend the career progression path for CoreTrade personnel to move up from Tradesmen, Foremen to Supervisors level. The new category of CoreTrade Supervisors will be registered under 3 types of works namely,

- (i) Structural Works,
- (ii) Architectural Works, and
- (iii) Mechanical & Electrical (M&E) Works.

3 To register as CoreTrade Supervisors, applicants must meet minimum qualification and experience requirements. The list of recognized skills qualifications is in Annex A. Eligible applicants will be required to attend a training course and pass an end-of-course test to ensure that they possess the relevant knowledge to carry out their supervisory roles effectively. Applications<sup>1</sup> to be CoreTrade personnel may be submitted to BCA at <http://www.bca.gov.sg/CoreTrade/Reg/Main/Main.aspx>.

### **Deployment Requirements for CoreTrade Supervisors**

4 With the introduction of the registration class of CoreTrade Supervisors, construction projects which the permit to commence structural work are submitted to BCA from **1 April 2013** will be required to deploy CoreTrade Supervisors in their projects<sup>2</sup> (see Annex B for the details).

### **Requirements to Attend Familiarization Courses**

5 Eligible applicants who apply to be CoreTrade Tradesman or CoreTrade Foreman from **1 October 2012** onwards will be required to attend the Familiarization Course before sitting for Skills Assessment. This is to ensure that the applicants are equipped with the necessary skills and knowledge of the trade and be better prepared for the Skills Assessment. Registration for Familiarization Courses and

<sup>1</sup> Starting from 1 Oct 2012, a non-refundable \$10 online application fee and \$20 for manual application will be charged for each application.

<sup>2</sup> CoreTrade deployment requirements are only applicable to projects of value \$20 million or more.

Skills Assessments can be made at the BCA Academy or BCA's Approved Training and Testing Centres (ATTCs). The contact details of the ATTCs are available at [http://www.bca.gov.sg/coretrade/registration\\_requirements.html](http://www.bca.gov.sg/coretrade/registration_requirements.html).

6 We are also pleased to inform you that the Workforce Training and Upgrading Scheme under the Construction Productivity & Capability Fund (CPCF) will continue to co-fund up to 80% of the cost for the Familiarization Courses and Skills Assessment and will be extended to co-fund up to 80% of the cost for the CoreTrade Supervisor training course and end-of-course test. The funding details are elaborated at <http://www.bca.gov.sg/Workforce/wtu.html>.

### **Continual Educational Training for CoreTrade Renewal**

7 To continuously upgrade the construction workforce to support improvement in productivity, quality and safety, all CoreTrade Personnel whose CoreTrade license will be expiring from **1 Oct 2013** onwards and seeking renewal of CoreTrade registration will be required to undergo Continual Educational Training (CET). Applicants can apply for CET from 1 Oct 2012 onwards.

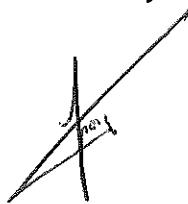
### **Industry Briefings on the Enhanced CoreTrade**

8 We would also like to invite you to attend any one of our briefings on the enhanced CoreTrade scheme to be held on 9<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup> and 16<sup>th</sup> Mar 2012. Registration details of the briefings can be found at <http://www.bca.gov.sg/coretrade/others/replyform.pdf>.

9 I would appreciate it if you could bring to the attention of your members the contents of this circular. Please contact Mr Felix Tan / Mr Kenneth Lua at Tel: 6325-5200 or email: [bca\\_coretrade@bca.gov.sg](mailto:bca_coretrade@bca.gov.sg) if you need further clarification.

Thank you.

Yours faithfully,



NEO CHOON KEONG  
DIRECTOR, MANPOWER AND STRATEGIC POLICY DIVISION  
BUILDING AND CONSTRUCTION AUTHORITY  
for COMMISSIONER OF BUILDING CONTROL

**ANNEX A: List of Registration Class and Associated Skills Qualifications Recognised under CoreTrade Supervisors from 1 April 2012**

Registration Class	Skills Qualification
<b>Structural Works</b>	NBQ in Project Supervision
	Higher NBQ in Project Supervision
	Advanced NBQ in Project Supervision
	Certificate in Pavement Construction and Maintenance
	Certificate in Precast Concrete Construction Supervision
	Certificate in Geotechnical Instrumentation for Supervisors
	Certificate in Levelling and Setting Out
	Trade Diploma in RC Construction
	Trade Diploma in Structural Steel Works
	SEC(K), SEC or BBC in Timber Formwork
	SEC(K), SEC or BBC in Metal Formwork
	SEC(K), SEC or BBC in Steel Reinforcement Work
	SEC(K), SEC or BBC in Precast Concrete Component Erection
	SEC(K) or BBC in System Formwork Installation
	SEC(K) or BBC in Precast Kerb and Drain Laying
	SEC(K) or BBC in Aluminium Formwork
	SEC(K), SEC or BBC in Structural Steel Fitting
	SEC(K), SEC or BBC in Welding
SEC(K), SEC or BBC in Pipe Fitting	
<b>Architectural Works</b>	NBQ in Project Supervision
	Higher NBQ in Project Supervision
	Advanced NBQ in Project Supervision
	Certificate in Interior Finishing Coordination
	Certificate in Water Proofing Supervision
	Certificate in Levelling and Setting Out
	Trade Diploma in Cladding and Curtain Wall Technology
	Trade Diploma in Doors and Windows
	Trade Diploma in Drywall Systems
	Trade Diploma in Glazing
	Trade Diploma in Joinery
	Trade Diploma in Suspended Ceilings
	Trade Diploma in Tiling, Stone Laying and Floor Finishings
	Trade Diploma in Waterproofing
	SEC(K), SEC or BBC in Cladding Installation
	SEC(K), SEC or BBC in Curtain Wall Installation
	SEC(K), SEC or BBC in Doors and Windows Installation (Timber)
	SEC(K), SEC or BBC in Doors and Windows Installation (Aluminium)
	SEC(K), SEC or BBC in Interior Drywall Installation
	SEC(K), SEC or BBC in Glazing
	SEC(K), SEC or BBC in Joinery
	SEC(K), SEC or BBC in Suspended Ceiling Installation (Acoustical)
SEC(K), SEC or BBC in Suspended Ceiling Installation (Fibrous Plaster)	
SEC(K), SEC or BBC in Tiling	
SEC(K) or BBC in Timber Flooring	
SEC(K), SEC or BBC in Waterproofing	

Registration Classes	Skills Qualification
<b>Mechanical and Electrical (M &amp;E) Works</b>	NBQ in Project Supervision
	Higher NBQ in Project Supervision
	Advanced NBQ in Project Supervision
	NBQ in Supervision & Coordination of M&E Works
	Higher NBQ in Supervision & Coordination of M&E Works
	Advanced NBQ in Supervision & Coordination of M&E Works
	Trade Diploma in Air-conditioning Ducting and Mechanical Ventilation
	Trade Diploma in Electrical Technology
	Trade Diploma in Fire Protection Works
	Trade Diploma in Gas Pipefitting Technology
	Trade Diploma in Lift Technology
	Trade Diploma in Plumbing Technology
	Builder Certificate in Plumbing and Pipefitting
	Advanced Builder Certificate in Plumbing and Pipefitting
	SEC(K), SEC or BBC in Ducting Installation for Air-conditioning and Ventilation
	SEC(K), SEC or BBC in Electrical Wiring Installation
	SEC(K), SEC or BBC in Fire Sprinkler Installation
	SEC(K), SEC or BBC in Gas Pipefitting
	SEC(K), SEC or BBC in Lift Installation
	SEC(K), SEC or BBC in Plumbing and Pipefitting
SEC(K), SEC or BBC in Pipe Fitting	
SEC(K), SEC or BBC in Thermal Insulation (Pipework)	

**ANNEX B: CoreTrade Man-Years Deployment Requirements With Effect From 1 Oct 2013<sup>3</sup>**

Category of Work	Class of CoreTrade Personnel	Type of Trades	1st \$100m (per \$10m)	Excess of \$100m (per \$20m)	
New Building Works	Supervisor	Structural Trades	0.25 MY	0.25 MY	
		Non-Structural Trades • Architectural Trades • M & E Trades	0.25 MY	0.25 MY	
		<b>Total</b>	<b>0.5 MY</b>	<b>0.5 MY</b>	
	Foreman	Structural Trades	1MY	1MY	
		Non-Structural Trades • Architectural Trades • M & E Trades	1MY	1MY	
		<b>Total</b>	<b>2MY</b>	<b>2MY</b>	
	Tradesman	Structural Trades	0.5MY	0.5MY	
		Non-Structural Trades • Architectural Trades • M & E Trades	1MY	1MY	
		Construction Plant Operation	1MY	1MY	
		<b>Total</b>	<b>2.5MY</b>	<b>2.5MY</b>	
	Additional & Alteration Works	Supervisor	Structural Trades	0.25 MY	0.25 MY
			Non-Structural Trades • Architectural Trades • M & E Trades	0.25 MY	0.25 MY
<b>Total</b>			<b>0.5 MY</b>	<b>0.5 MY</b>	
Foreman		Structural Trades	1MY	1MY	
		Non-Structural Trades • Architectural Trades • M & E Trades	1MY	1MY	
		<b>Total</b>	<b>2MY</b>	<b>2MY</b>	
Tradesman		Structural Trades	0.5MY	0.5MY	
		Non-Structural Trades • Architectural Trades • M & E Trades • Construction Plant Operation	2MY	2MY	
		<b>Total</b>	<b>2.5MY</b>	<b>2.5MY</b>	
Civil Engineering Works (General)		Supervisor	Structural Trades	0.25MY	0.25MY
		Foreman	Structural Trades	0.75MY	0.75MY
		Tradesman	Construction Plant Operation	0.75MY	0.75MY
		<b>Total</b>	<b>1.75MY</b>	<b>1.75MY</b>	
		OR			
	Supervisor	Structural Trades	0.25MY	0.25MY	
	Foreman	Structural Trades	1.5MY	1.5MY	
	<b>Total</b>	<b>1.75MY</b>	<b>1.75MY</b>		

<sup>3</sup> Project whose permits to commence structural work are submitted to BCA on and after 1 Oct 2013.

<b>Civil Engineering Works (MRT Station)</b>	<b>Supervisor</b>	<b>Structural Trades</b>	0.25 MY	0.25 MY
		<b>Non-Structural Trades</b>		
		• <b>Architectural Trades</b>	0.25 MY	0.25 MY
		• <b>M &amp; E Trades</b>		
		<b>Total</b>	<b>0.5 MY</b>	<b>0.5 MY</b>
	<b>Foreman</b>	<b>Structural Trades</b>	1MY	1MY
		<b>Non-Structural Trades</b>		
		• <b>Architectural Trades</b>	1MY	1MY
		• <b>M &amp; E Trades</b>		
		<b>Total</b>	<b>2MY</b>	<b>2MY</b>
	<b>Tradesman</b>	<b>Structural Trades</b>	0.5MY	0.5MY
		<b>Non-Structural Trades</b>		
		• <b>Architectural Trades</b>	1MY	1MY
• <b>M &amp; E Trades</b>				
<b>Construction Plant Operation</b>		1MY	1MY	
	<b>Total</b>	<b>2.5MY</b>	<b>2.5MY</b>	
<b>Notes:</b>				
Structural Trades - Reinforced Concrete Works, Structural Steel Works				
Architectural Trades - Cladding and Curtain Wall Installation, Doors and Windows Installation, Drywall Installation, Glazing Works, Joinery Works, Suspended Ceiling Installation, Tiling Stone Laying and Floor Finishing Works & Waterproofing Works.				
M&E Trades - Air-Conditioning Ducting Installation, Electrical Works, Fire Protection Works, Gas Pipefitting Works, Lift Installation & Plumbing and Piping Works.				

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