

Half Day Course on Basic Concept in Construction Productivity Enhancement

BCA ACADEMY
of the built environment

Introduction

BCA has been campaigning actively to promote productivity within the construction industry. We have various incentive schemes for all contractors to enhance its productivity through various mechanisms and embrace the latest technology in construction methods. This half day course on Basic Concept in Construction Productivity Enhancement (BCCPE) is meant to drive productivity awareness to mostly small companies registered under BCA's Contractors Registration System (CRS) in selected categories and specific grades.

Target Audience

To ensure that our registered contractors under CRS are equipped with the knowledge and skills on productivity, the BCCPE course will be made compulsory for CRS contractors registered under the categories CW, CR, ME, MW, TR, SY04 and SY08 with grades B2 to C3, L5 to L1 and Single Grades.

Each company is required to send one of its Technical Personnel (TP) that was submitted in its last application to CRS, to attend the half day BCCPE course by 1 July 2013.

Objectives

- Explain the definition and concepts in measurement of site productivity,
- Learn the strategies to improve construction productivity during planning, design and construction stage,
- Illustrate how site layout, site deployment planning and site coordination can help to enhance construction productivity.
- Understand the importance of good site management practices and quality control.
- Comprehend the financial incentives scheme administered under the Construction Productivity and Capability Fund (CPCF),
- Share examples of successful cases on productivity improvement.

Topics To Be Covered

1. **Definition and Measurement of Productivity**
2. **Improvement in Construction Productivity during Planning, Design and Construction stage**
 - a. Buildable design upstream that result in efficient labour usage
 - b. Constructability Planning for more labour-saving construction methods and technologies downstream that reduces the industry's reliance on foreign workers
 - c. Areas for possible productivity improvement for trades such as civil & structural trades, finishing trades, MEP trades, etc
3. **Use of Construction Productivity and Capability Fund (CPCF) to enhance Productivity**
4. **Site layout, deployment planning and site coordination**
 - a. Planning of site layout such as material and equipment storage
 - b. Emphasize the importance of site coordination as keys to project success
 - c. Use of project planning tools to allocate resources and manage manpower (with Case Study)
 - d. Pre-planned for inspection to avoid time wastage on last minute scheduling of inspections with clients, QP and authorities.
5. **Good Management practices & Quality Control**
 - a. Manpower and resource management, with examples on use of technologies
 - b. Provide adequate facilities such as toilets, washing points, tools resources collection points
 - c. Key quality issues and the recommended practices to be adopted.



Details

Date: 27, 28, 29, 30 or 31 May 2013

Time: Morning Session:
9.00 am to 12.30 pm
(Registration starts at 8.30am)

OR

Afternoon Session:
2.00 pm to 5.30 pm
(Registration starts at 1.30pm)

Venue: Function Hall, BCA Academy

Fee (inclusive of GST): **S\$ 22.00**

Statement of Attendance will be awarded to participants. Course materials and refreshments will be provided.

BCA ACADEMY
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REGISTRATION FORM

Course Code: 78029

Course on Basic Concept in Construction Productivity Enhancement (BCCPE)

VENUE: Function Hall, BCA Academy

SPECIAL PROMOTIONAL FEE (Inclusive of GST): S\$22 per participant

My preferred slots in order of preference are:

Slot 1: _____ Run; Slot 2: _____ Run; Slot 3: _____ Run; Slot 4: _____ Run

Seats will be allocated based on your selected preferred Run subject to availability and based on a first-come first-served basis.

All application have to be made through this registration form duly completed with cheque payment to Building and Construction Authority and mail to:

BCA Academy, 200 Braddell Road, Singapore 579700. The final closing date for 11th - 20th runs is extended to **12 April 2013**.



TIME	18 Mar	19 Mar	20 Mar	21 Mar	22 Mar	27 May	28 May	29 May	30 May	31 May
9.00am - 12.30pm	1 st Run	3 rd Run	5 th Run	7 th Run	9 th Run	11 th Run	13 th Run	15 th Run	17 th Run	19 th Run
2.00pm - 5.30pm	2 nd Run	4 th Run	6 th Run	8 th Run	10 th Run	12 th Run	14 th Run	16 th Run	18 th Run	20 th Run

Particulars of Technical Personnel (TP) to attend the BCCPE:

Name of TP Participating	NRIC/EP/S-Pass No.	Designation	HP no.	Email

Company Name: Company UEN No.:

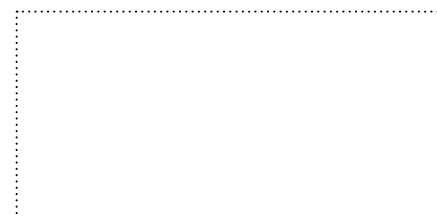
Mailing Address:

Contact Person Particulars

Name: (Dr/Mr/Mrs/Ms) Email:
Designation: Hp no.:
Tel (Office) No.: Fax no.:

Payment

Enclosed is a cheque no. _____ (Cheque should be crossed, marked "account payee only" and payable to 'Building and Construction Authority') for S\$ _____ OR you may choose to deduct from GIRO Account No _____ (should be the same bank account number as indicated in the Direct Debit Authorisation form submitted to BCA)



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Name/Signature

Company Stamp

TERMS & CONDITIONS:

1. Payment by cheque or GIRO must be made together with the submission of this Registration Form. Walk-in applicants will not be admitted.
2. Upon issue of confirmation letter by BCA Academy, no withdrawal or refund is allowed.
3. BCA reserves the right to amend the course details or cancel the course and fully refund the course fee to applicants should unforeseen circumstances warrant it.
4. For course enquiry, please contact BCA Academy at Tel: 6248 9999 / 6730 4580 or via email at BCA_SGMD@bca.gov.sg