

# Global BIM Coordinator Professional Training (Top up) for BIM Manager

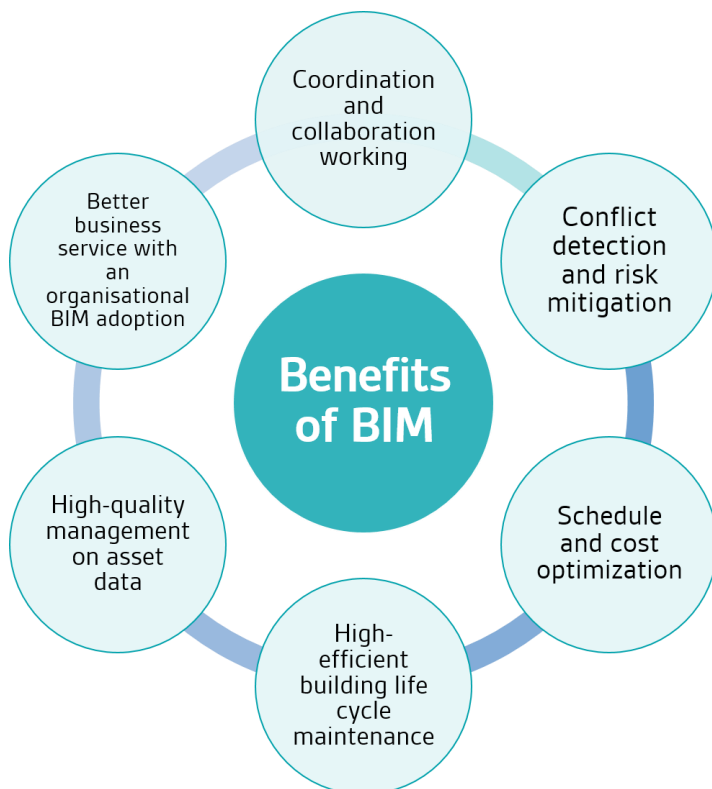
- *Course Brochure* -



## WHAT is BIM?

BIM is revolutionizing the way the construction industry creates and cares for its assets around the world. It ensures that everyone in the supply chain; from architects, engineers, constructors and facilities management share information in a collaborative way. It is a new method of construction that delivers major benefits - most notably time and cost savings through building in a collaborative and by managing costs through the whole lifetime of a building. To facilitate the adoption of BIM BSI developed, together with construction industry experts, the UK 1192 series of standards which define BIM Level 2 published in 2013. The ISO 19650 suite of standards moves towards internationalizing these standards.

Since 4 April 2016, BIM Level 2 is mandatory in a government project in UK. The use of BIM is also becoming more commonplace in other countries, such as Singapore, South Korea, Canada and China etc. In Hong Kong, BIM is being implemented in various sectors, such as BIM for Statutory Submissions in Architectural Services Department, BIM for Asset Management in Electrical and Mechanical Services Department, BIM for Utilities Design in Water Supplies Department etc.



In 2017, the HKSAR Government decreed that BIM technology must be used in the design and construction of all major government capital works projects with a project estimate of more than HK\$30 million that were scheduled to start during or after 2018, and that the use of this technology in private construction projects should also be promoted.

In addition, to ensure the healthy development of BIM in Hong Kong, Construction Industry Council (CIC), has introduced the BIM Certification and Accreditation Schemes to ascertain the competency of BIM personnel and the quality of local BIM training courses. To be eligible for certification as a CIC-Certified BIM Manager (CCBM), one of the requirements is the successful completion of BIM Manager course accredited by CIC.

To cope with the surge in demand for BIM personnel and training needs, we are pleased to announce that BSI launches the "Global BIM Manager Professional Training". The purpose of this course is for the preparation of CCBM application and it is the route to be a CCBM. We aim to offer delegates a quality BIM Manager training with the appropriate skill levels and competency in using BIM technology at international standard.

## Background of Institution

### BSI - Source of the Standards

#### BSI formulated PAS 1192 standard

The UK currently the region, which sees the fastest growth in the application of BIM. As one of the countries utilizing BIM for many government projects at the earliest, UK not only published various regulations and relevant standards but also issued the mandatory policies in April 2016. During this course, BSI played an important role in BIM standardization pushed by the UK government: in 2014, entrusted by the Construction Industry Council (CIC) of UK, BSI formulated PAS1192 standard.

Meanwhile, BSI also provides the construction companies globally with the standard certification services specific to the BIM competency for project delivery in design and construction stages. In 2016, BSI launched the BIM-related Kitemark. So far, the enterprises which have been certified by BSI Kitemark: Balfour Beatty Plc, BAM Ireland, BAM Construct UK Ltd, Gammon Construction Ltd, Skanska UK Plc and voestalpine Metsec Plc.

## WHY should take this course?

BSI and isBIM Limited (isBIM) jointly develop the BIM coordinator training courses with the purpose of cultivating BIM practitioners who are contributing the Architecture, Engineering and Construction (AEC) industry. With the focus of bringing in internationally recognized BIM national standards from the UK into Hong Kong, and with reference to ISO 19650 and PAS 1192 suite standards.



## WHO should take this course?

The training course targets, but not limited to:

- CEOs, CFO, CIOs, & COOs
- BIM Managers
- Asset, Engineering, Quality, Facility, Project, Technical Managers
- Real Estate Developers
- Civil, Mechanical and Structural Engineers
- Architects
- Construction Professionals
- Contractors
- Surveyors
- Academia and Government Authorities

From the following industries:

- Government
- Construction
- BIM Consultancy
- Building Materials
- Quantity Surveying
- Project Management
- Architecture
- Real Estate Planning and Development
- Asset Management
- Property and Facility Management
- Green Building Development and Management

## Admission Requirement:

### Qualification:

A degree in architecture, engineering, surveying, building or construction, or equivalent as recognized by CIC, plus five years of relevant post-degree experience (including at least six months in Hong Kong)

### Practical BIM experience:

Graduate of CIC accredited BIM Manager course; or

CIC certified BIM Manager; or

Any delegates who are interested in perusing to be a BIM coordinator or Manger in the future

### Policies and procedures for admission:

- Completion of Application Form by internet or hardcopy formats
- Submission of relevant original documents to prove the requirements as stated
- The profile of the applicant will be sent to training operations manager for approval

## WHAT will be taught?

### Day 1 - Introduction to BIM (teaching hours: 8 hours)

Topic	How this will help you
<ul style="list-style-type: none"> <li>• BIM Software</li> <li>• Administration of the BIM projects as a project BIM coordinator</li> <li>• Execution of BIM Uses for single and multi-disciplinary coordination in BIM project</li> </ul>	<ul style="list-style-type: none"> <li>• Operation of relevant BIM authoring software</li> <li>• 2.1.5 Technical advise on the operation of relevant BIM software</li> <li>• Setup, creation and publishing of BIM models following BIM related documents such as BEP or BIM standards</li> <li>• Establish and maintain data structures or links throughout the BIM processes</li> <li>• Special Coordination and 3D Construction Coordination (As stated in CICBIM Standards General)</li> <li>• Phase Planning (4D Modelling) (As stated in CICBIM Standards General)</li> <li>• Design Reviews (As stated in CIC BIM Standards General)</li> <li>• Drawing Production directly from BIM software/platform</li> </ul>


### Day 2 - Role and Responsibilities of CCBC (teaching hours: 8 hours)

Topic	How this will help you
<ul style="list-style-type: none"> <li>• Execution of BIM Uses for single and multi-disciplinary coordination in BIM project</li> <li>• Digital Information Management</li> <li>• Common Data Environment (CDE)</li> </ul>	<ul style="list-style-type: none"> <li>• Phase Planning (4D Modelling) (As stated in CICBIM Standards General)</li> <li>• Drawing Production directly from BIM software/platform</li> <li>• Design Reviews (As stated in CIC BIM Standards General)</li> <li>• Data exchange of relevant BIM software for single/multiple discipline(s) collaboration</li> <li>• Maintain proper Level of Development (graphics and information) of the dataset</li> <li>• Establish and maintain data structures or links within the BIM software/ platform protocol</li> <li>• Maintain accurate data set such as templates, standards, libraries, project files, drawings, design specifications and project schedules</li> <li>• Administration and maintenance of CDE including relevant project information standards and project information management methods and procedures</li> </ul>

### Day 3 - CDE in BIM (teaching hours: 3 hours)

Topic	How this will help you
<ul style="list-style-type: none"> <li>• Common Data Environment (CDE)</li> <li>• Execution of BIM Uses for single and multi-disciplinary coordination in BIM project</li> </ul>	<ul style="list-style-type: none"> <li>• Administration and maintenance of CDE including relevant project information standards and project information management methods and procedures</li> <li>• Special Coordination and 3D Construction Coordination (As stated in CICBIM Standards General)</li> <li>• Phase Planning (4D Modelling) (As stated in CICBIM Standards General)</li> <li>• Drawing Production directly from BIM software/platform</li> </ul>

## Certificate



bsi.

BSI Training Academy

This is to certify that

«Participant\_Name\_The\_name\_will\_be\_shown»

has successfully completed

Global BIM Coordinator Professional Training (Top up)

*[Signature]*

Dr. Stephen Yu, Chief Operating Officer – Hong Kong, China Operational Resilience Director

Date of training: 11/01/2022 to 16/05/2022  
Date of issue: 15/05/2022  
Certificate number: «CMT\_No»

CIC Accredited Course Registration Number: A200002

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Notes: Trainees will be granted training certificate issued by BSI upon completion of the course and passing the examination.

## Training Details

Duration:	3 days, (09:00 – 18:00)
Venue:	23/F, Cambridge House, TaiKoo Place, 979 King's Road, Island East, Hong Kong or Online Virtual Training

## Passing Requirements

Passing requirement for the full course: 60% of the total score

- 25% of the daily workshop
- 25% of the assignment
- 50% of the examination

*Exam lower than 60% of the total score will be regarded as Fail. One time (only) re-take of the exam can be arranged, Fee: HKD 500.*

## Enrolment



<https://bit.ly/3KsABgf>

Find out more  
Call: +852 3149 3334  
Email: [hk@bsigroup.com](mailto:hk@bsigroup.com)  
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