



Training Course :

Planning Construction Equipment and Methods for Reducing Cost of High- Rise Buildings

Training Course For One Week In

Singapore , Mandarin Orchard
Singapore

Which Be Held As Under Details :



Abar Solutions Petroleum Consultancy Invite Your Employee To Participate With Us In Special Training Course As Under Details :

Course Name		Planning Construction Equipment and Methods for Reducing Cost of High-Rise Buildings			
Code	Period	Language	Start	End	Location
CE 059	5 Days	English	07/08/2017	11/08/2017	Singapore , Mandarin Orchard Singapore
			04/09/2017	08/09/2017	
			09/10/2017	13/10/2017	
			13/11/2017	17/11/2017	
			18/12/2017	22/12/2017	
			15/01/2018	19/01/2018	
			12/02/2018	16/02/2018	
			12/03/2018	16/03/2018	
			23/04/2018	27/04/2018	
			14/05/2018	18/05/2018	
			11/06/2018	15/06/2018	
			09/07/2018	13/07/2018	
<p align="center">** The Fees Includes : Lecturer , Training Material , Training Room With One Coffee Break Daily , Certificate Of Attendance In Last Day Training Course **</p>					

Course Description

- ⇒ A majority of high-rise commercial, industrial and institutional building construction projects experience cost over-runs. Proper planning, involving construction method selection, sequencing operations and coordinating specialty trades, as well as selection and management of proper construction equipment for specific construction tasks and monitoring its production can help effect cost savings.
- ⇒ This course focuses on planning, implementing a schedule and avoiding mistakes in all construction operations, equipment, and methods needed for construction of high-rise

Tel. : (965) 22610021 , (965) 99600277

Fax : (965) 22630021

Email : info@abarsolutions.com , abar-solutions@hotmail.com

Wsite : www.abarsolutions.com

buildings to help developers and their construction personnel complete projects within their budgeted cost.

Course Objectives

- ⇒ To enable constructors of high-rise commercial, industrial and institutional buildings select construction methods and equipment and adopt systematic planning techniques to enhance savings.

Course Content & Outlines

⇒ **Planning the Work at Bidding Stage**

- Site planning and management
- Temporary utilities requirement

⇒ **Selecting And Sequencing Building Construction Methods and Equipment**

- Selection and management of proper construction equipment for specific construction tasks and estimating production/duration
- Establishing construction schedule

⇒ **Construction Safety**

- Construction safety gear
- Fall protection
- Construction safety signs
- Safety training
- Temporary heating

⇒ **Material Handling**

- Cranes
- Man material hoists
- Loading platforms
- Just-in-time delivery schedule

⇒ **Concrete And Concrete Equipment**

- Cranes
- Buckets, chutes, concrete pumps and water pumps
- Air compressors

⇒ **Forming Systems**

- Scaffolding systems
- Shoring systems

- Formwork

⇒ **Layout Engineering And Surveying**

- Drawings
- Tolerances
- Cambers
- Concrete creep

⇒ **Planning And Coordinating**

- Monitoring and updating the schedule
- Job meetings
- Corrective action and schedule update
- Team work

⇒ **Permanent Utilities**

- Power
- Water
- Storm and sanitary sewers

⇒ **Final Completion**

- Defect list
- Corrections
- Paperwork
- Taking over and handing over
- Meeting occupancy requirements

⇒ **Claims**

- Relationship among architect/engineer, owner, contractor and subcontractors
- Expediting/accelerating
- Impact of delays
- Additional work
- Change orders
- As-built schedule