



Professional Certificate in
**ADVANCE MEASUREMENT
PRACTICE (CIVIL & MEP) IN BUILDING**

GULF ORIENTED



Global
Institute of
Quantity Surveying

www.thgiqs.com



COURSE OVERVIEW

The “Advanced Measurement Practices (Civil & MEP) in Building Course” is a specialized program designed to elevate the proficiency of construction and engineering professionals in the fields of Civil Engineering and MEP (Mechanical, Electrical, and Plumbing) systems.

This advanced course delves into intricate measurement methodologies, techniques, and technologies specific to both civil and MEP disciplines. Participants will gain a deep understanding of advanced measurement practices, enabling them to perform precise and sophisticated quantity take-offs for complex building projects.

Upon completion of this course, participants will emerge with a heightened skill set, capable of executing precise and advanced measurements in both civil and MEP contexts. This course empowers professionals to contribute significantly to the success of complex building projects through advanced measurement practices.



1 COURSE OUTLINE

Standard Method of Measurements ▼

> Standard Method of Measurements

1. SMM7
2. POMI
3. NRM2
4. CESMM4
5. Qatar Standard Measurement of Building Works
6. Why We Need Standard Method of Measurements?

> Format of the BOQ

> Preambles

> Query Sheet & Clarification

Measurements and BOQ preparation (Civil Works) ▼

> Understanding of Middle-East Drawings

> Preparation of Measurement Sheet for Various Items

> Quantity Takeoff from Auto CAD, PDF and Hard Copies

- | | | |
|------------------|----------------------|------------------------|
| ● Preliminaries | ● T and M Protection | ● Doors and Windows |
| ● Earth Works | ● Masonry Works | ● Furniture |
| ● Concrete Works | ● External Finishes | ● Metal Works |
| ● Reinforcement | ● Internal Finishes | ● Landscaping Works |
| ● Formworks | ● Interior Works | ● External Infra Works |

> Preparation of Tender Clarification

> BOQ Preparation

1 COURSE OUTLINE

Measurements and BOQ preparation (MEP Works) ▼

- > Understanding of Middle-East Drawings
- > Preparation of Measurement Sheet for Various Items
- > Quantity Takeoff from Auto CAD, PDF and Hard Copies

- | | | |
|-----------------------|---------------------------------|-----------------------|
| ● HVAC System | ● Electrical Works | ● Telecommunication |
| ● Plumbing & Drainage | ● Lighting System | ● Audio Visual System |
| ● Irrigation | ● Fire Alarm & Voice Evacuation | ● CCTV System |
| ● Fuel Supply | ● Lightning Protection | ● Access Control |
| ● Fire Fighting | ● Intrusion Detection | ● BMS |

- > Preparation of Tender Clarification
- > BOQ Preparation

2 WHO CAN ATTEND?

- | | |
|--------------------------|------------------------------------|
| ✓ Freshers | ✓ Auto CAD Draftsman |
| ✓ Quantity Surveyors | ✓ Document Controllers |
| ✓ Civil Engineers | ✓ Cost Professionals |
| ✓ Estimators | ✓ Engineering Students |
| ✓ MEP Engineers | ✓ Quantity Surveying Students |
| ✓ MEP Quantity Surveyors | ✓ Sub Contractors |
| ✓ Mechanical Engineers | ✓ Freelancers |
| ✓ Electrical Engineers | ✓ Other Construction Professionals |

3 OTHER INFORMATIONS

Course Duration

- ✓ Approx. 60 Hours
- ✓ 2.5 Months
- ✓ 3 Classes / Week, 2 Hrs each

Delivery Method

- ✓ Online Live Session (Via MS Team)
- ✓ Pre-Recorded Video Course

Medium

- ✓ Tamil
- ✓ English

You Will Get

- ✓ Powerpoint Slides
- ✓ Project Drawings
- ✓ Quantity Markup Drawings
- ✓ Measurement sheets
- ✓ Complete BOQ
- ✓ Real Working Templates & Formats
- ✓ GCC Data Bank
- ✓ Reference Books
- ✓ Completion Certificate

4 SAMPLE CERTIFICATE



Global
Institute of
Quantity Surveying

Certificate of Completion

Your Full Name

Has successfully completed the course

**Professional Working Practice in
XXXXXXXXXXXXXXXXXXXX (Gulf Oriented)**

at Global Institute of Quantity Surveying (GIQS), Sri Lanka
in the month of August 2023 for 50 contact hours

Course Instructor

Course Director
Global Institute of Quantity Surveying



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Certificate No:
GIQS-CIVIL-09-2023-167
Verify this certificate
by emailing this certificate to
courses@thegiqs.com



E - CERTIFICATE

Value addition to your resume

5 CONTACT INFORMATION

Want **New Skills?** Get in touch!



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