

# WEBINAR TALK ON QUALITY MANAGEMENT SYSTEM IN CONSTRUCTION

Organised by :  
Project Management Technical Division, IEM

**DATE : 27 APRIL 2022, WEDNESDAY**  
**TIME : 2.30PM - 4.30PM**

**SPEAKER :**  
**TS. MUHAMMAD FIRDAUS BIN MUHAMMAD**  
**IDRIS**

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## **Introduction**

Definition of quality, dimension of quality and Quality Management in construction projects related that involve Quality Planning, Quality Assurance and Quality Control. The introduction of PDCA concept.

## **History of Quality**

Evolution of quality since ancient time and until after 2nd World War were competition between Japan and USA in quality product. Quality guru; W. Edwards Deming, Kauro Ishikawa, Joseph M. Juran and Shigeo Shingei and their contribution to quality industry.

## **Quality Measurement System**

Quality achievements need to be measured, how to establish measurement system that include company's Vision, Mission, Values and Strategic (VMOSA), includes Policies and Objectives that part of company measurement system. How to establish Quality Objectives based on company's own quality policy. How to communicate to all staff on Quality Policy.

## **Quality Management System**

Introduction of QMS and the understanding of it, Ranking of benefit of QM implementation and hindrance for implementation. Quality Management principle and model.

## **ISO 9001:2015**

ISO 9001:2015 and version history. As construction company what documentation that need to compile and prepare before ISO 9001 certification and per project.

## **Project Quality Plan**

Concept of Project Quality Plan why is it important in a construction project. Contents and management of PQP.

## **Submittals**

What are submittals and why submittals are important in a construction project. Review and approval type according to BS1192. What are the best timeframe for submittals review.

## **WHO SHALL ATTEND?**

This course is dedicated to all personnel that direct or indirect involvement in a construction project. This include contractor personnel, supervision engineer or architect, project owner (who interest in managing the quality of a project) or government and regulator body.

# SPEAKER'S PROFILE

**Ts. Muhammad Firdaus Bin Muhammad Idris** an experienced Quality Manager specializing in the construction field. Starting a career as a Site Supervisor in 2004 and had the experience been appointed in contractor, consultant, and developer firm throughout the years. Since 2014, he is focusing on quality in construction and had encountered many problems related with complying with quality especially organization accredited with ISO 9001 certificate. At the same time, the knowledge and problem interfaced been used as content for establishing the course content.

Ts. Muhammad Firdaus obtained his Bachelor of Civil Engineering from University Putra Malaysia (UPM), Serdang, Selangor in 2004 and currently pursue a Master of Quality Management, Student at Open University Malaysia (OUM), Kuala Lumpur.

## Training Experience:-

- Trainer, QAQC in Construction  
Richkey Training and Consultancy  
2015 - 2019
- Trainer, QAQC in Construction  
Construction Inspector of Work Association Malaysia (COWAM)  
2015 - 2020
- Trainer, Quality Management in Construction  
ICM Training & Consultancy  
2019 - present

Currently he is working as a Manager QAQC and DC at MMC Pembetulan Langat Sdn. Bhd.