

Course code: S1063

# ISO 22163

## Railway quality management system

ISO 22163 is an international specific requirements for quality management system in railway industry. The standard aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements. This standard is applicable to all organizations, regardless of size or complexities. The standard is applied to demonstrate the ability to consistently manage software that meet regulatory requirements. This course helps aspiring participants to understand how ISO 22163 helps to continually improve organisational system using its best practice. Participants learn the details of each clauses of the standard requirement to be able to apply within their organization.

### OBJECTIVE

- To describe the concept overview of the ISO 22163 requirement.
- To provide knowledge on quality management and describe how it is applied in ISO 22163.
- To explain the importance of the management system.
- To build awareness and encourage continual improvement within organization.

### CONTENT

- **Session 1: Introduction**

Describe quality management approach and how to use process mapping to understand a process. Identify factors that impact quality management system and determine measures that can be used to monitor and improve the performance of the process.

- **Session 2: Terms and Definitions**

Describe relevant terms and definitions that normally use in the quality system.

- **Session 3: Risk-based thinking and tools of Related Standards**

Describe concept is implemented in conjunction with system. Explain risk-based thinking fosters a proactive culture of prevention and improvement

- **Session 4: Interpretation of standard requirement**

Describe the ISO 22163 requirement clauses by clause that implemented in conjunction with organization system. Explain concept and awareness to improve effectiveness of the system.

- **Session 5: Conclusion**

Conclude requirement and explain step to implement the system.

\*Exercise workshop will also be delivered in each key sessions\*

### PREREQUISITES

Basic knowledge in quality is optional. Experience in any industry will be more benefit.



+66(0)889050555  
+66(0)909409509  
LINE ID: isoconsult



cs.isoconsult@gmail.com  
iso.th@outlook.com



Quality Associates Ltd.  
80/8 Samwa Road, Bangchan  
Khlongsamwa, Bangkok 10510