



**Course Title**

Construction Quality Management

**Course Reference**

- International Standard Organization ISO 9001. Quality Management System Requirements.
- [www.Transparency.org](http://www.Transparency.org) (web site)
- [www.qaqc-construction.com](http://www.qaqc-construction.com) (web site).

**Course Date:**

2017 (To be decided)

**Course Objectives:**

The application of ISO 9001 in construction projects Application of the roles and responsibilities of project team members who are responsible for the acceptance, monitoring review of contractors, suppliers and service providers and their conformance to Quality Management Systems.

This course will be emphasizing on – how these systems can be implemented in any organization individually or in an integrated way and how quality system processes can be used to identify out of control projects. This course will cover evolution, concepts, definitions, model, approach, documentation, tracking, bench marking and the identification of best industrial practices.

**Who Should Attend?**

Supply chain management professionals, businesses managers, construction personnel QA/QC engineers and manager's quality, engineer's, officers from oil & gas, construction, manufacturing, service companies, university students Organizations who are intending to develop implement and obtain ISO 9001 certification.

**Course Structure:**

Tutorials, discussions, case studies.

**Course Fees:**

**£1000**

**Course Venue:**

Local world (to be decided)

**Accommodation:**

Accommodation is not included in course fees.

**The Instructor:**

A quality QA/QC Manager that has over 29 years overseas experience on mayor oil gas and power projects and has worked extensively with Quality Management systems in accordance with ISO 9001. John has significant detailed knowledge of trouble shooting fast track (FEED) Front End Engineering Design and (EPC) Engineering Procurement & Construction projects. John is the owner of the web site [www.qaqc-construction.com](http://www.qaqc-construction.com) that provides information to construction professionals relating to the implementation of Quality Management systems in the global oil, gas power projects.

**Legend:**

- ISO 9001 Quality Management System Requirements, International Standard Organization.

**Course Reading Information Web Pages [www. qaqc-construction.com](http://www.qaqc-construction.com):**

Bribery Index:

<http://www.qaqc-construction.com/library-bribery.php>

Terms and Definitions:

<http://www.qaqc-construction.com/project-overview-terms-and-definitions.php>

Review of Tender enquiries:

<http://www.qaqc-construction.com/project-overview-review-of-bid-tenders.php>

ISO 9001 Overview:

<http://www.qaqc-construction.com/systems-quality-system-management-iso9000-2000.php>

Procurement Planning:

<http://www.qaqc-construction.com/systems-vendor-inspection.php>

Procurement Manager Job Description:

<http://www.qaqc-construction.com/systems-qaqc-job-descriptions.php>

Project Organization Chart:

<http://www.qaqc-construction.com/systems-qaqc-organisation-chart.php>

Lessons Learned File:

<http://www.qaqc-construction.com/library-lessons-learned.php>

ISO 9001 Procurement Blog- Item 7 Product Realization, Item 7.8 Procurement

<http://www.qaqc-construction.com>

**Course Daily Program:**

▷ **Day 1      Monday 22<sup>ST</sup> April 2017**

07.30:- 09:30	- <i>Top level Breakfast Meeting</i>
09:30 – 11.30	<p><b><i>Course Program &amp; Objectives</i></b></p> <ul style="list-style-type: none"><li>- <i>ISO 9001 Quality Management Implementation (Procurement)</i></li><li>- <i>Transparency International</i></li><li>- <i>Online Training (<a href="http://www.qaqc-construction.com">www.qaqc-construction.com</a>)</i></li><li>- <i>Objectives</i></li></ul> <p><i>Develop a core team of people that are fully conversant with industrial best practices for the Obtain Quality assured organizations and companies through ISO 9001 accreditation.</i></p> <p><i>Utilize internet based quality awareness information through online quality training and personnel development.</i></p> <ul style="list-style-type: none"><li>- <i>The Development Role out of online web site information Initiatives (Master Index's) that would be used as an important training aide for Caribbean states, companies and organizations:</i></li></ul> <ol style="list-style-type: none"><li>1) <i>Lessons Learned File</i></li><li>2) <i>Construction Project Specifications</i></li><li>3) <i>Approved Suppliers List (ISO 9001 Certified)</i></li></ol>

	<p>4) <i>certified technicians</i></p> <p>5) <i>Project Inspection Criticality Index</i></p> <p>6) <i>, Clerk of Works approved QC Inspectors, QA Engineers &amp; QA/QC Managers.</i></p> <p>7) <i>Internet access to national &amp; International Codes &amp; Standards.</i></p> <p>8) <i>ISO 9001 Accreditation Certification Awareness</i></p> <p>9) <i>Non Conformance Report Index</i></p> <p>10) <i>Quality Management System Training in the.</i></p> <p>11) <i>Train the Trainer (The selection of five post graduates engineers who will be trained in hands on Quality Management Systems)</i></p>
11:30 – 13:00	<i>Lunch</i>
13:00 – 15:30	<p><b><i>Procurement Fraud (part 1) Overview</i></b></p> <ul style="list-style-type: none"> <li>- <i>Out of Control Projects (Raising the Red Flags)</i></li> <li>- <i>Quality Planning (Ducks In a Row)</i></li> <li>- <i>Non Conformance Report Tracking</i></li> <li>- <i>Rejection of Defective Material and Services</i></li> </ul>
15:30 – 15:45	<i>Break</i>
15:45 – 17:00	<p><b><i>Procurement Fraud (part 2) Overview</i></b></p> <ul style="list-style-type: none"> <li>- <i>Lessons Learned File</i></li> <li>- <i>Bench Marking Best Practices</i></li> <li>- <i>Approved Suppliers list</i></li> <li>- <i>Enquiry Documentation (Know What you want)</i></li> <li>- <i>Tender Evaluation (Determine the Best Tender)</i></li> <li>- <i>Criticality Assessment (Inspection Criteria)</i></li> <li>- <i>Inspection Verification of Supplied Products</i></li> </ul>

▷ **Day 2      Tuesday 23<sup>rd</sup> April 2017**

09:00 – 09:15	<i>Days Overview</i>
09:15 – 11:00	<p><i>ISO 9001 Procurement Processes</i></p> <ul style="list-style-type: none"> <li>- <i>Purchasing Processes</i></li> <li>- <i>Assessment</i></li> <li>- <i>Procured items From Contractors &amp; Suppliers</i></li> <li>- <i>Third Party Procurement &amp; Inspection</i></li> <li>- <i>Verification of Purchased Product</i></li> </ul>
11:00 – 11:15	<i>Break</i>
11:15 – 13:00	<i>Quality Terms &amp; Definitions (The Buzz Words)</i>
13:00 – 14:00	<i>Lunch</i>
14:00 – 17:00	<p><i>Team members discussion</i></p> <p><i>Review of Project Documents</i></p> <p><i>Questions &amp; Answers</i></p> <p><i>Quality Terms &amp; Definitions</i></p>
17:00	<i>End of day 2</i>

▷ Day 3      Wednesday 24<sup>th</sup> 2017

09:00 – 09:15	<i>Days Overview</i>
09:15 – 14:00	<i>Site Visit</i>
14:00 – 16:00	<i>Round Table Meeting</i> <i>Specific Training Program for the Caribbean</i> <i>ISO 9001 Quality Management Systems (Construction)</i> <ul style="list-style-type: none"><li>- <i>Quality Management Systems</i></li><li>- <i>Management Responsibility</i></li><li>- <i>Resource Management</i></li><li>- <i>Product Realization</i></li><li>- <i>Measurement Analysis &amp; Improvement</i></li></ul>