

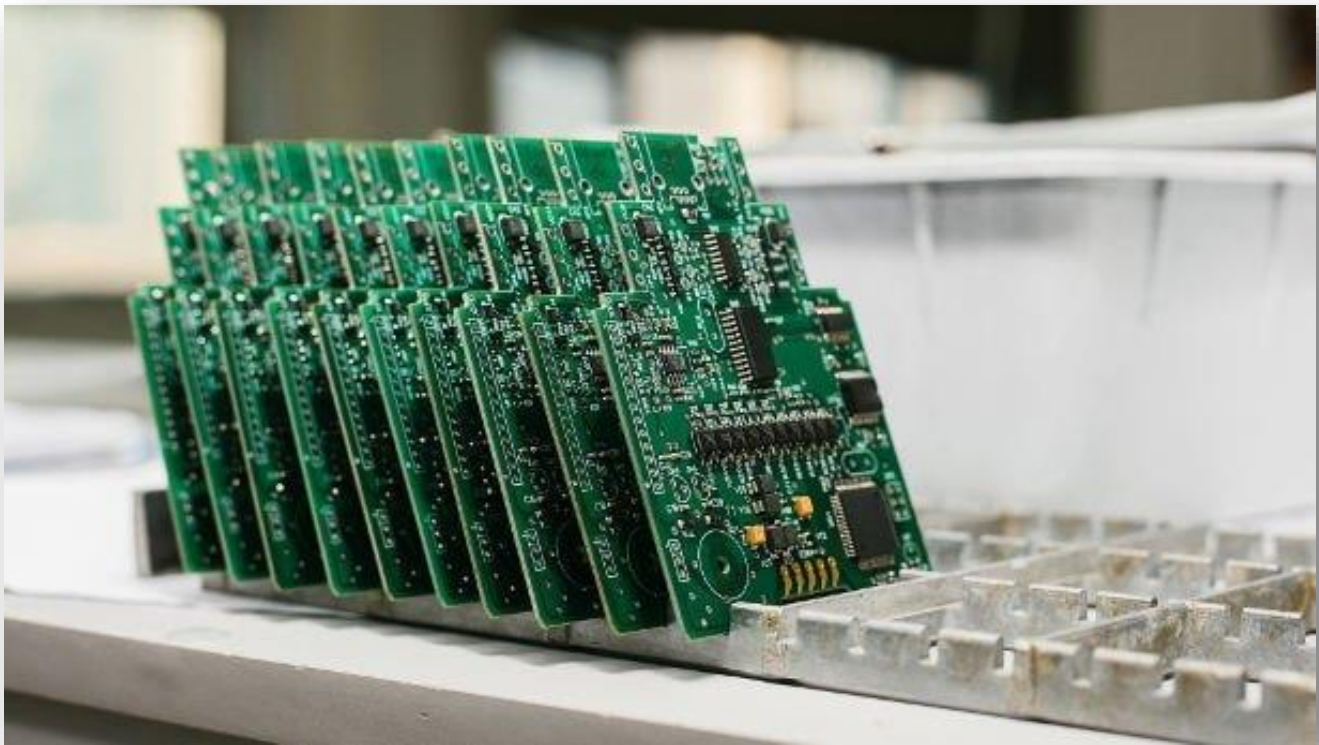
MEASUREMENT BASED MASTERCLASS

Get the chance to experience and experiment wide range of free proven XL models (New scoring models) for evaluating suppliers

Improving Supplier Quality with a Modern Effective Approach and **'Managing by Measurement'**

16th – 17th September 2019 | (Suzhou) | 19th – 20th September 2019 | (Shenzhen) China

Master and understand how to manage suppliers by measurement based and drive 'true' world class quality through the supply chain in a consistent manner.



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ENERGY1 
马中(深圳) 技术管理咨询

Improving & Maximizing Supply Chain Quality with a Modern Effective Approach and 'Managing by Measurement' (2 Days)

Supply Chain Quality is a very important area as companies cannot only rely on simple Audit, Incoming Quality Control, etc. to manage suppliers. Supplier visits / audits are all well and good, but do they truly bring sustainable quality improvement?

As companies strive for ongoing cost reduction a much more detailed and 'real-life' awareness of supplier capability is imperative to minimise risk of changing suppliers or making major changes with existing ones. The key to improving Supplier Quality is developing a sequential set of detailed activities that clearly 'reveal' supplier's true capability and provide suitable process reporting that clearly demonstrates a supplier's ability to produce consistently high quality components / sub-assemblies / products.

All Supplier Quality Engineers have knowledge on applying standard supplier audit methodology, but lack the ability to look deeply into supplier processes with the right tools to evaluate their capability. Setting up a new supplier or even changing management approach to existing suppliers requires the supplier QE to have a 'toolkit' to lead them through a proven and efficient method of maximising supplier quality and providing long term assurance via 'virtual' reporting.

Supply Chain "Measurement Based" Masterclass (New Tools)

This 2 days masterclass will show how to measure supplier quality escape rates from their own process data to allow true 'Risk Management' of the supplier and MINIMISE the level of ad-hoc firefighting which takes place much too often in the supply chain.

The trainer have developed a very effective '**6 Step Supplier Process**' which has been used widely across many clients, leading to major reduction in supplier failure levels in all stages of the client's manufacturing process and in the early life stage of end customer usage. In each of the above steps, many years of experience has been used to develop the 6 step approach that provides measurable outputs the supplier QE uses to benchmark suppliers and also drive continual improvement at existing ones.

Total Measurement Tools

Participant will received a wide range of the trainer self-developed Total measurement tools (Proven XL models) to evaluate and handle existing / new suppliers which they can start applying and modifying them to suit their own needs.

This 2 days masterclass is based on the trainer experience coaching many clients Supply Chain Quality people on making sure suppliers are objectively measured continuously in a step by step manner that involves a range of KPI's rarely used in supply chain quality management.

This training will have a good balance of Practical and theory. Initial theory to set the scene goes quickly into multiple case studies so participants learn quickly how to do similar on their own supply chain.

CASE STUDIES & PAST PARTICIPANTS ACHIEVEMENT:

- Reduced Incoming Quality Control headcount from 35 to 5 persons with the supply chain quality approach. Achieving World Class Quality levels < 30 ppm with suppliers managed the "Reliability Solutions" way.
- Transformed approach to supplier reliability and process measurement to drive Warranty Fail reduction by 50% and 'Manage by Measurement'
- Implement and followed the "Reliability Solutions" total measurement based supply chain quality improvement approach to drive World Class supplier fail levels in their own assy process at 6 sigma levels

Attend this to Master:

- Methods of how to truly assess supplier ability to control in process quality and use data to predict potential escape rates.
- How to remove focus and cost of low value Incoming Quality Inspection by managing suppliers by measurement.
- Understanding how to process map and perform strong supplier PFMEA that converts into Strong Process Control with high level supplier reporting to drive real improvement.
- How to pull several key supplier measures together in Holistic manner to understand and score supplier capability to start mass production at New Product Introduction stage.
- Making Supplier Process Auditing TRUE VALUE ADD rather than simply being an ISO style tick box audit.
- Turning almost everything a supplier does into a measured metric to continually monitor their 'true' performance to drive accountability.
- Developing excellent supplier partnerships without any 'hidden factories' and setting realistic goals.

Improving & Maximizing Supplier Quality with a Modern Effective Approach and 'Managing by Measurement' (2 Days)

This program is intended

This course will teach new and experienced supply chain quality engineers / management how to assess new suppliers more effectively and understand existing supply chain 'true' quality capability as supplier quality extends into early life reliability. Applicable to both "Brand owners" and actual suppliers to major companies.

- Supplier Quality engineers and Managers
- Supply Chain Managers
- Quality engineers / Managers / Directors
- Procurement Managers / Directors
- Customer account managers
- Technical sourcing / procurement personnel
- Personnel involved directly with suppliers from start up at a new supplier to improving existing suppliers.
- Contract manufactures – CM are being given more and more responsibility for total quality as new start-up companies are only designers, hence need their CM's to control part sourcing, Parts quality, total supply chain quality, process reliability, etc To do this the CM's need a very thorough reporting model and ability to rate themselves internally to perform their own GAP analysis to improve further and support their customers totally. This will help them improve their competitiveness in appealing to their possible new customers.

PRACTICAL INVOLVEMENT: Wide range of free proven XL models to apply in your own environments:

Participant will get the chance to experience and learn an entirely new and efficient method to evaluate and handle existing suppliers in a Total Measurement manner which will greatly enhance their ability to drive World Class Supplier Quality achievement. Participant can then start applying and modifying them to suit their own needs.

- Supplier Quality and Reliability Questionnaire with scoring model
- Reliability Solutions SMART Scoring model to evaluate supplier ability to produce world class quality
- Detailed Supplier Quality Audit with scoring , unique approach developed by Reliability Solutions over last 10 yrs
- Reliability Solutions Supplier Reliability Maturity Rating model.
- NPI transition scoring model to evaluate supplier readiness to start mass production.
- Supplier Process failure escape rate calculation models.

OUR CLIENTS IN ASIA PACIFIC

(Malaysia, Thailand, Philippines and China)

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Analog Devices
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DAY 1 (AM Agenda)

Where to Start?

- Traditional role of the Supplier Quality Engineer and why it is no longer so effective
- What is involved in a more effective and efficient SQE role?
- What is the skill set required for today's SQE's in modern electronic and electro mechanical products

The initial Supplier Contact using the Quality Questionnaire

- Designing a very efficient Questionnaire for supplier to feedback their own self-assessment
- Following up on the Questionnaire with focused questions to 'test' feedback relevance and understanding
- Agreeing the first 'virtual' supplier quality score
- **20 min workshop session on using the Reliability Solutions on line rating module**

Setting up an effective Quality audit scoring approach and performing the Reliability Solutions 'SMART' score

- Setting up a strong Quality Audit which asks the right questions and leads the SQE deeply into the process
- Making sure there is No Hidden Factory with the right type of audit method
- Using the audit score to compare to initial questionnaire and provide detailed feedback to supplier and why they do not see or admit the GAP's
- **30 min Workshop on Applying the Reliability Solutions Scoring Model and applying the Reliability Solutions 'SMART' score**

Day 1 (PM Agenda)

Performing the Reliability Solutions Supplier Reliability Maturity Rating

- Introducing the added value audit to the SQE toolkit
- Combining Reliability Maturity Rating with Quality Audit Rating

Why IQC and AQL sample test standards are no longer appropriate in modern manufacture and how this affects supplier quality / reliability assurance

- Using Supplier Process data to measure and control outgoing Quality
- Installing Effective Problem Solving methods

Why Supplier PFMEA is important, How to use a simplified and effective approach as part of the Supplier Quality improvement program

Continue Day 1 (PM Agenda)

The importance of Supplier Process Yield Measurement and how to use data to predict Field Failure Rate escape rates from the Process

- Methods to predict Escape Rates into customer from the manufacturing process
- Predicting Customer Dead On Arrival and Early Life Failure rates using Reliability Solutions model

DAY 2 (AM Agenda)

The 6 step process to achieving World Class Supplier Quality

- An effective and efficient system to drive suppliers developed by Reliability Solutions
- How to use learnings in Sessions 1-7 to develop the Solution
- Case Study examples demonstrate the use of this approach

Transitioning into Volume production at the 'New' Supplier

- What is the list of key deliverables
- How do we make up a toolkit to measure this?

Bringing all the models and assessments together into an NPI scoring model which allows SQE to 'Holistically' evaluate the supplier

- Using the Reliability Solutions scoring model and several real life case studies
- Using the Reliability Solutions Supplier NPI measurement model to manage world class quality levels

Day 2 (PM Agenda)

After Supplier Selection, What Next?

- Managing the supplier with clear and transparent management reporting system
- Applying effective report methods tied into the supplier continual improvement targets
- **TRULY MANAGING SUPPLIER BY MEASUREMENT!**

Workshop Session where teams are given a Mgmt Directive to set in place an improvement programme to drive 30% reduction in Process failure levels , Teams set up to define their approaches and present to the class

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Registration Form

Improving & Maximizing Supplier Quality with a Modern Effective Approach and 'Managing by Measurement'	3 or more participants	Per Participant	PROGRAM DETAILS (Please tick your prefer venue) Venue 1: Suzhou, China () Date: 16 th – 17 th Sept 2019 Venue 2: Shenzhen, China () Date: 19 th – 20 th Sept 2019
Full 2 Days	USD 1699 ()	USD 1999 ()	STEPS TO REGISTER : Simply fill up the registration form and email it to: Email to : registration@petro1.com.my Call us : +603 7727 3952 (Kelvin) FAX : +603 7727 5278
REGISTER 3 AND SENT THE 4TH FREE <ul style="list-style-type: none"> Please note that all registrations must be made at the same time to qualify. The above investment fee are inclusive of course material, tea breaks and lunch. The above investment fee is exclude of SST 6%. 			
() I would like to organize this training on-site and <u>save at least 25%</u> on the total course Fees!			

Delegate Details

1. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email : _____

Contact No: _____

Department: _____

2. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email : _____

Contact No: _____

Department: _____

3. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email : _____

Contact No: _____

Department: _____

Head of Department: _____

Invoice Details

Invoice Attention to: _____

Company: _____

Industry: _____

Address: _____

Postcode: _____ Country: _____

Telephone: _____ Fax: _____

Email: _____

Authorized Signature : _____

Contact us through WeChat Now:



Payment Method

By Direct Transfer: Please quote invoice numbers on remittance advice.

ACCOUNT NAME : PETRO1 LIMITED

BANK : MAYBANK

ACCOUNT NO : 715120013353 (USD)

All bank charges to be borne by payers. Please ensure that PETRO1 SDN BHD received the full invoice amount.

Payment Policy: Upon receipt of a completed registration form, it confirms that the organization is registering for the seat(s) of the participant(s) to attend the conference or training workshop. Payment is required with registration and must be received prior to the event to guarantee the seat. Payment has to be received 7 working days prior to the event date to confirm registration.

Venue: All of our training courses are held in 4 – 5 star venues. The course fee does not include accommodation or travel cost. It's recommended to book the hotel room early as there are only limited room available at the discounted corporate rate.

DATA PROTECTION: The information you provide will be safeguarded by Petro1 that may be used to keep you informed of relevant products and services. We take it seriously when it comes to protection of our client data.

Cancellation & Substitutions:

Upon receipt of a completed registration form, it confirms that the organization is registering for the seat(s) of the participant(s) to attend the conference or training workshop. Should you be unable to attend, substitutes are always welcome at no additional cost. Please inform us as early as possible. Payment is non-refundable if cancellation occurs 7 working days prior to event commencement. However a substitute is welcome at no additional charges. If cancellation occurs 5 working days prior to the registration date and there is no substitute, the organizer reserves the right to charge 50% of the total investment from your organization.

PETRO1 Limited is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. PETRO1 Limited shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, war, fire, labor strike, extreme weather or other emergency.

Walk in Registration:

Walk-in participants with payment will only be admitted on the basis of seat availability at the event and with immediate full payment.

Program Change policy:

The organizer reserves the right to make any amendments and/or changes to the workshop, venue, facilitator replacements and/or modules if warranted by circumstances beyond its control.