



# SINGAPORE QUALITY INSTITUTE

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ROS Ref No: ROS 245/1970 TAP GST Reg No: M90010688N

## Stack Tolerance for Design Evaluation – 05 & 06 Aug 09

## STACK TOLERANCE FOR DESIGN EVALUATION

### COURSE OBJECTIVE

A new strategy to produce high quality cost saving design Case studies and hands-on exercises using your company's drawing allow you to actually use and apply the information studied in your work place / station– the most efficient way to learn.

### COURSE CONTENTS

1. INTRODUCTION TO STACK ANALYSIS
  - Why Tolerance Stack Analysis
  - Linear & Radial Stack
  - Component & Assembly Stack
  - Formulation of the Problem
  - Development of Tolerance Chain
2. COMPONENT STACK ANALYSIS
  - Both Linear and Radial Stack
3. ASSEMBLY STACK ANALYSIS
  - Both Linear and Radial Stack
4. CONCENTRICITY AND RUNOUT TOLERANCE ANALYSIS
  - Component Stack
  - Assembly Stack
5. PROFILE TOLERANCE ANALYSIS
  - Component Stack
  - Assembly Stack
6. POSITIONAL TOLERANCE ANALYSIS
  - Component Stack
  - Assembly Stack
7. ORIENTATION TOLERANCE ANALYSIS
  - Component Stack
  - Assembly Stack
8. FORM TOLERANCE ANALYSIS
  - Component Stack
  - Assembly Stack

### WHO SHOULD ATTEND

This course is designed for anyone who needs to analyse drawings for design evaluation. *A new strategy to produce high quality, cost saving design at design stage.*

### AWARD OF CERTIFICATE

Certificate of Attendance will be issued to participants who have attended at least 75% of the course.

### COURSE DATES

05, 06 & 07 August 2009 (9:00am – 5:00pm)

### COURSE FEES

**S\$ 781.10 (SQI Member) S\$ 888.10 (Non-Member) Fees inclusive of 7%GST**

Price is inclusive of training materials, certificates and light refreshment will be provided

**VENUE:** Training will be conducted in SQI, 66 Tannery Lane #06-07, Sindo Bldg, S 347805

### FOR RESERVATION

Contact Jeffrey Tan @ 98183736 (email: [jeffreytan@sqi.org.sg](mailto:jeffreytan@sqi.org.sg)) or fax: 64674226



Certificate No: 6655731205

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