

STACK TOLERANCE FOR DESIGN EVALUATION



Objectives

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.

Trainer

Dr Bryan Ngoi is a consultant specialising in training and implementation of GD&T. He has trained more than 5000 participants in interpreting, measuring, gauging and analysing geometric tolerances. He has been actively researching in the above area and has published more than thirty journal papers in international journals.

Duration

3 days | 9am – 5pm | 21 hours

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.

Course Fees

Member: S\$1,552.20
Non-Member: S\$1,743.12
Registration Fee of S\$17.28 apply
All fees stated are inclusive of 8% GST

Award of Certificate

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



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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



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<https://www.sqi.org.sg/courses/>
or QR Code for soft copy
and updated training schedule

Membership Application

Register membership online at
www.sqi.org.sg/membership-join/
or contact us to get the membership
application form.

Membership Categories:
~ Organisation membership
~ Individual membership

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