

Training Programme

Strategies for Successful New Tool Launches (4-day)

1. Introduction

Scientific and Systematic Molding are terms used for *methods* of setting up and maintaining robust and repeatable processes.

A key to implementing this type of strategy is a thorough understanding of the FOUR key plastic variables in molding.

By challenging both designs and molds early in systematic ways, weaknesses can be quickly defined and corrected before they become costly problems during mass production.

2. Objectives and Learning Outcomes

Preventing bad part design and bad molds from getting into production right from part and mold design stage so as to:

- ◆ Reduced part variability and scrap
- ◆ Optimized the cycle times
- ◆ Reduced time spent on troubleshooting *during* mass production

3. Who Should Attend

This course is specifically intended for plastic part/mold designers, mold builders and tooling engineers, mold trial personnel, project co-ordinator, programme manager, QA, as well as tooling and machine maintenance personnel who are looking to incorporate progressive strategies into the design and build of a mold to ensure robustness

4. Approach

Presentation, video, exercise and discussion

5. Major Contents

- ◆ Basic Part Geometry Related to Processing Concerns
- ◆ Review Part Design & Complexities
- ◆ Sizing of the Mold Geometry
- ◆ Plastic Behavior Through the Stages of a Process
- ◆ How Mold Design / Build Impact Quality & Cost
- ◆ Why Hot Runner Molds are Fundamentally Different
- ◆ Mold Cooling Capabilities
- ◆ Systematically Trying Out Molds for Absolute Quality

- ◆ Molding Machine Validation
- ◆ Systematic Troubleshooting to Separate Material, Process, Design and Mold Problems
- ◆ Advance Mold Tryout Techniques

6. Date and Time

Mon-Thu, 26-29 July 2010. 8.30am-5.30pm
[First day REGISTRATION: 8.00 - 8.30am]

7. Venue

Hotel Singgahsana Petaling Jaya
Tel: 03-7956 2100, <http://www.hspj.com.my>

8. Course Fee

RM3,000.00 per participant

9. Contact Information

Yi Consultancy (Ms. Chuah)
4A, Lintang Paya Terubong 3, Air Itam, 11060, PG.
Tel/Fax: 04 -828 3265 H/P: 012 - 428 3265
Email: yiadmin@streamyx.com or yi.consultancy@gmail.com

10. Trainer Profile

Patrick joined RJG in 1996 as a member of the Customer Support Team. After filling the role of Western Regional Sales Person, then shifting to the Southeastern region, he returned to his role in Customer Support and held the title of Senior Technical Support.

Patrick took on additional task of teaching courses on RJG's DARTWinTM / DARTVisionTM software. When RJG released the Insight System[®] in 2000, Patrick developed System Application training courses, encompassing detailed hardware and software training.

Patrick current position is Consultant/Trainer. His responsibilities include teaching RJG Systematic Courses as well as Master Molder Certification courses.

He travels extensively to conduct in-plant consultations in the USA and internationally, primarily in the Asia Pacific region.

Note: In House Available