

CQI-23 SPECIAL PROCESS: MOLDING SYSTEM ASSESSMENT, MSA (1st EDITION, MAC 2014)

Introduction

AMIRSHAH KAMARUDIN
Consultant Trainer

COURSE AGENDA

DAY 1

0900 – 0910

Course Introduction

0910 – 1015

Introduction to CQI-23 Special Process: Molding System Assessment (MSA)

- General, Process approach, Molding system assessment goals
- Assessment process, Assessor qualifications, Other requirements

Group Exercise 1: Choose & match the right Terms & Definitions

1015 – 1030

Morning Break

1030 – 1130

Scope

- General
- Application (Process Tables A to H) (Pg 7)

Group Exercise 2: Identify the Category/Process Steps for each of the Process Tables

1130 – 1300

The Molding System Assessment Procedure (Pg 10)

Special Process: Molding Assessment (Pg11)

- Instructions for completing the cover sheet (Pg 12)
- **Instruction for completing Section 1 – 2 (Molding System Assessment) (Pg 15)**
 - Section 1 – Management Responsibility & Quality Planning (19 Q) (Pg 16)
 - Section 2 – Floor & Material Handling Responsibility (15 Q) (Pg 23)
- **Instructions for completing the Job Audit (Pg 26)**
 - Job Audit (25 Q) (Pg 27)

Appendix A – Process Tables A to H (Pg 33 – 61)

1300 – 1400

Lunch

1400 – 1515

Process Table A – Injection Molding (Item 1 - 7) (Possible Elements 39) (Pg 34-38)

1515 – 1530

Afternoon Break

1530 – 1700

Process Table B – Blowing Molding (Item 1 - 8) (Possible Elements 40) (Pg 39-44)

1700

End of day 1

COURSE AGENDA

DAY 2

0900 – 1015

Process Table C – Vacuum Forming (Item 1 - 4) (Possible Elements 28) **(Pg 44-46)**

Process Table D – Compression Molding (Item 1 - 5) (Possible Elements 28) **(Pg 47-49)**

1015 – 1030

Morning Break

1030 – 1130

Process Table E – Transfer Molding (Item 1 - 5) (Possible Elements 32) **(Pg 50-53)**

Process Table F – Extrusion (Item 1 - 8) (Possible Elements 34) **(Pg 54-58)**

1300 – 1400

Lunch

1400 – 1515

Process Table G – Equipment (Item 1 - 3) (Possible Elements 90) **(Pg 59-60)**

1515 – 1530

Afternoon Break

1530 – 1700

Process Table H – Part Inspection & Testing (Item 1) (Possible Elements 10) **(Pg 61)**

1700

End of course