

1 Malaysia GRIP PROGRAMME

**FULLY
SUBSIDISED**
Training Programmes
for the Malaysian
Plastics Industry

FILM EXTRUSION AND TROUBLESHOOTING

8-9 MARCH 2017

TRAINING ROOM

Newton Research &

Development Centre Sdn Bhd

Sg Petani Plot 96, Jalan PKNK 1/6

Kawasan Perusahaan Sungai Petani

08000, Sungai Petani

Kedah. MALAYSIA



Organised by



MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION

1MalaysiaGRIP PROGRAMME

The criteria for participation are as follows:

1. Participants are employees of HDRF registered companies.
2. Participants can apply for ONE training programme only. Withdrawal or replacement of participants is STRICTLY NOT ALLOWED.
3. If the participant had already attended the 1MalaysiaGRIP programme previously, then the participant is NOT entitled to apply another 1MalaysiaGRIP programme. Any revision or re-examination attempt by the participant will be at his/her own cost.
4. HRDF registered companies are NOT entitled to claim other allowable costs.
5. Participants MUST complete all given assignments as required by the particular course and participate actively in all practical exercises, presentations and role play as directed by the trainers.

Programme Overview

To provide the participant with in-depth discussion about film extrusion and troubleshooting process that involves customised film extrusion processing as well as trouble shooting.

Who will Benefit?

This training course will benefit anyone involved with film extrusion. Participants will learn information which they will be able to apply directly to their workplace or facility.

Training Content

Day 1:

1. The Basics of Film Extrusion Process
 - What is film extrusion and its applications?
 - The industry flow
 - Schematic diagram of film extrusion process
2. Plastics Materials Use in Film Extrusion Process
 - Common use plastics materials in film extrusion
 - How to determine appropriate MFI and Density for specific application
 - Common additives use in film extrusion process
 - Calculation of active content in the specific formulation
 - How to read additive specification
3. Extrusion Safety in Film Extrusion Process
 - Hazard associated with an extruder
 - Personal protective equipment's
 - Proper training
 - Inspection and housekeeping
 - Material safety
4. Process Conditions & Parameter Setting
 - Understand and handling of extruder
 - Proper procedures during operation of the extruder:
 - Extruder temperature profiles
 - Warm-up
 - Start-up
 - Product change & Shutdown

Day 2:

5. Trouble Shooting of Common Film Extrusion Defects
 - Real life case study base on common film extrusion defect occurred
 - Discussion on some of the common defects on film extrusion such as:
 - Gauge variation
 - Bubble instability
 - Streaks
 - Gels
 - Rough surface
 - Surging
 - Wrinkles
 - Colour contamination
 - Holes
 - Weld lines, etc.

About the Trainer

Mr Oh Beng Kooi is a business owner in the field of plastics technology, quality and packaging. He facilitates workshops and consultation on industrial skill enhancement programmes, workers technology transformation programmes, plastics technology programmes and related consultation works. He also conducts training regularly.

Mr Oh Beng Kooi holds a Master Degree in Manufacturing System Engineering from University of Warwick, UK. He is also a Certified Trainer from "Certification in Vocational Education Training of Australia" and Pembangunan Sumber Manusia Berhad (PSMB).

Prior to setting up his own business and involve in training, Mr Oh Beng Kooi had 23 years of industrial experience in plastics technology as an Engineer/R&D Manager with various renowned companies. He had also worked in Selangor Human Resource Development Center (SHRDC) as a Plastics Technology Consultant.

Registration

Companies interested to participate are advised to contact Ms Malathy or Ms Jacqui for the Registration Form or complete the below slip and return by fax/email for the Registration Form to be sent to you.

We would like to register the following person(s):

Name	Designation
1. _____	_____
2. _____	_____
3. _____	_____

Submitted by:
Name: _____
Company: _____
Tel: _____ Fax: _____ Email: _____

Deadline for Registration: Friday, 18 November 2016

MALAYSIAN PLASTICS MANUFACTURERS ASSOCIATION

37 Jalan 20/14, Paramount Garden, 46300 Petaling Jaya, Selangor, MALAYSIA

Tel: 603 7876 3027/2333 Fax: 603 7876 8352

Email: Malathy (training@mpma.org.my), Jacqui (corpcomm@mpma.org.my)