

INTRODUCTION

Mass manufacturing stamping shops utilize costly Dies and much costlier presses and press-lines, and it is imperative to have sustained high stroke rate, equipment utilization and quality to remain competitive in business. Apart from freak mishaps, Stamping Dies are subjected to normal wear and tear, leading to loss of quality.

There is need to monitor, maintain , improve and restore Stamping Dies periodically and resolve any quality impairment in firefighting mode, so as not to mass produce defects. Dies going abruptly out of service causes total production hold up, as Dies are often unique and there are no alternative ways of continuing production. Once damaged, Dies cannot be restored fast enough; this makes proactive preventive maintenance absolutely inevitable.

Maintenance of Stamping Dies require very different kind of competency, skill set and modus operandi which personnel in mass production environment would normally have. Keeping this in view, Indian Machine Tool Manufacturer's Association (IMTMA) is organizing a 2-day programme on **Stamping Die maintenance : A Way Forward for Enhancing Die Life and Product Quality on 7 - 8 February 2024 at Pune.**

FOCUS AREAS

Die Maintenance team's role in tool room & press shop.

- General die manufacturing process, die tryout process, Buy-off & HLTO processes.
- Die Maintenance processes & methodology (like preventive, predictive, proactive & break down.)
- Case study to understand these methodologies.
- Executing Modification OR ECR/ECN (Engg. Change Request/Notice) - Assignment, Documentation & Tracking.
- Best practices to improve die life.
- How to establish culture of quality in press shop.

KEY TAKE AWAYS

Understand the methodology of carrying out proper Die Maintenance

. Prevent/Minimise sudden die breakdowns

- Analyse and predict wear & tear in common die elements
- Select proper materials to maximise die life
- Understand the importance of correct heat treatment process
- Understand the advantages of maximising performance & life of dies with coating
- Solve the problems that are currently faced by one-to-one interaction with the expert faculty

PARTICIPATION FEE

Rs. 9500/-
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 380/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

This programme will benefit Toolmakers, supervisors & managers from die design, die manufacturing, try-out, die maintenance, press shop & Quality Assurance.

FACULTY

The programme will be conducted by **Mr. C A Bodas**,

Mr. C A Bodas, an industry expert in Die Manufacturing, Tryout and Proving of Sheet Metal Dies with more than **30 years of practical hands on experience.He has worked with Tata Motors in tool-room as a professional in sheet metal dies & pressed components.** He was responsible for Sheet Metal dies, in all the stages, like, manufacturing, tryout, commissioning & maintenance. Mr Bodas is a proud owner of a Patent for “Design & execution of Innovative scrap shading unit” in sheet metal dies. Mr. Bodas has expertise in proving outer panels like doors, roof, tailgate, hood and side panels. He has travelled to Japan & Taiwan for executing the Nano & Ace Projects.

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