

## INTRODUCTION

In a Press Shop, multiple production runs are carried out for stamping a number of sheet metal components. Each component requires a number of dies running on multiple presses. For each run, die setups are changed and various parameters are set. Although the dies are proven and productionized, there are some variables which could differ from batch to batch, resulting in the first few components not meeting the required quality requirement. Press Shop personnel often have to fine tune some settings to get the desired results. This is sometimes tricky and valuable time & material gets wasted in the whole process. In some cases, dies suffer damage due to manual errors and repairs have to be carried out on a war footing. This calls for specialized skills which are not always available readily at hand. To carry out such specialized maintenance, IDR approach is followed in press shops.

What is IDR approach ? IDR- it's a three leap scientific approach to trouble shooting of component defects in press shop.

I-Identify

D-Diagnose

R-Resolve

Keeping this in view, IMTMA is organizing an offline / classroom training on **IDR Approach for Troubleshooting Component Defects in a Press Shop.**

## FOCUS AREAS

- Care to be taken by Press shops while accepting Dies for production
- Understanding common defects in components
- Best Practices to overcome these defects
- Do's and Don'ts during Die setup change
- Understanding various press parameter settings
- Role of sheet materials in causing inconsistent part quality
- Preventive maintenance of Dies
- Optimizing Die life
- Display of sample parts in order to identify the defects

## KEY TAKE AWAYS

- Systematically evaluate Dies before accepting them for production
- Understand the various defects which occur in production runs
- Apply the right methods for ironing out these defects
- Understand various Press parameter settings
- Understand the right techniques of refurbishing Dies
- Understand various adjustments available in Dies for fine tuning

## PARTICIPATION FEE

**Rs. 9000/-**

+18% GST

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

**USD 360/-**

**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 program will benefit Technicians, Supervisors, Engineers and Managers from the production, production Planning, Quality Assurance and Die Maintenance Department of Press Shops in the Automobile, General Engineering, Railways and Defence Industries and other related industries.

## FACULTY

This programme will be conducted by 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 in Tata Motors. He 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.

### For Registration Contact

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**REGISTRATION :** Prior registration for participation is necessary. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.

**Important Information :** Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.