

Basics of Forging Design



Date
Tuesday, March 10th 2015
Time
1:00 – 4:45 pm

Location: La Mirage
3223 Algonquin Road
Rolling Meadows, IL 60008

This course provides a basic understanding of forging processes, equipment, and materials and briefly covers forging design, material properties, and the optimum utilization of forgings in critical service applications. A handout prepared by FDMC will be provided to each student. Following topics will be discussed:

**REGISTER
NOW
CLASS SIZE IS
LIMITED TO 20
PARTICIPANT**

Design Modules

- Metals 101
- Grain Flow
- Parting Line
- Draft
- Corners & Radii
- Forging Features

Commercial Modules

- Forging Cost
- Forging Capability
- Competitive Processes

Introduction Modules

- Introduction / Overview
- Forging Operations
- Forging Equipment
- Forging Precision
- Forging Materials

Quality Modules

- Forging Defects
- Dimensioning & Tolerancing
- Non-Destructive Testing (NDT)
- Mechanical Testing

Instructor: Jon D. Tirpak, P.E., FASM
Executive Director, FDMC

Course Fee: \$225.00 with RSVP before March 1. \$300.00 after March 1

RSVP/ Questions: chirag.shah@exova.com

Send the check drawn to "ASM Chicago Chapter" in full amount to Chirag Shah at
Exova, 194 Internationale Blvd, Glendale Heights, IL 60139

This course ends with ASM Monthly meeting & dinner (free for course attendees)
A certificate of attendance and 2 PDH will be awarded to course attendees.

Basics of Forging Design

Course Registration Form

Student Name:	
Company Name:	
Mailing Address	
Email	Interested in receiving emails from ASM Chicago Chapter Yes _____ No _____
Phone	
Membership	ASM / ASME / AWS / ASNT / NACE / ASABE / Other
Professional Background	
Your Expectations from the Course	
Comments	
Will you be attending the evening dinner meeting after the course? Y___ N___	

Email the completed form to chirag.shah@exova.com

Date
Tuesday, March 10th 2015
Time
1:00 – 4:45 pm

Location: La Mirage
3223 Algonquin Road
Rolling Meadows, IL 60008

Course Fee: \$225 with RSVP before March 1st, \$300 after March 1st

Please send the check drawn to “ASM Chicago Chapter” to Chirag Shah at
Exova, 194 Internationale Blvd, Glendale Heights, IL 60139

For more information, Visit our website www.asmchicago.net