

-: Venue :-



Hotel The Atrium

Surajkund, Shooting Range Road
Faridabad - 121001
Phone: +91 129 4090700
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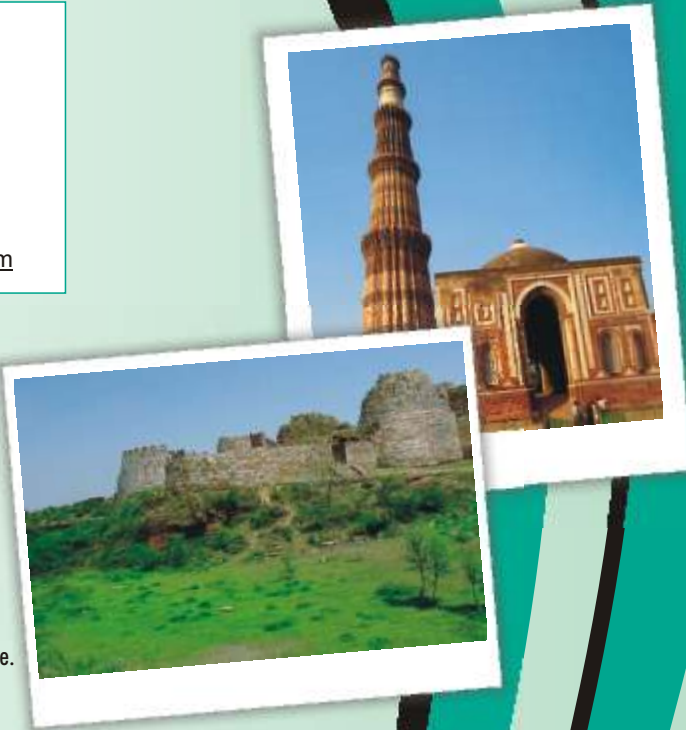
The Registration fees per delegate is as follows:

- Delegate from Industrial & Other Rs. 4,500/-
- Delegate from Academic Rs. 3,500/-
- International Delegate 200 USD

Note: Registration fee includes reading material, brief lecture note tea & working lunch only including service tax.

Notes :

- For 3 or more delegates from an organization, the delegate fee is Rs. 4000/- per delegate.
- Transportation, Lodging and Boarding is not included in Registration fees.
- The accommodation shall be made available in Hotel on payment basis, for that advance information is needed. A good number of hotels are situated within 1 to 2 kms. from venue.
- Certificate of attendance shall be issued to each participants.
- Payment with cash at the workshop, or cheque in favour of the name of "Mec Shot Blasting Equipments Pvt. Ltd."
- Cancellation will be charged Rs. 500 and must be made in writing before 10 days to the start of the workshop.



MEC SHOT®

Organizing

5th Workshop on

Shot Peening And Blast Cleaning Technology-2010

Date : 16 & 17 September, 2010

at: **Hotel The Atrium**

Surajkund, Shooting Range Road, Faridabad

: Contact Organizing Committee for Registration :

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: Speaker :

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DR. R.K. PANDEY

Deptt. of Applied Mechanics
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DR. D.A. KARANDIKAR

VA TECH ESCHER
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Corporate Office & Works :-



MEC SHOT®

Where Technologies Innovate

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: International Approvals :



Regional Sales Offices : Delhi, Mumbai, Secundarabad, Bangalore, Chennai, Ahmedabad, Pune, Kolkata

International Network: Dubai, Egypt, Germany, Israel, Iran, Kuwait, Korea, New Zealand, Norway, Mexico, Malaysia, Poland, Saudi Arabia, Singapore, Sri Lanka, Syria, Vietnam



FOR

Engineers & Designers, Manufacturers, Contractors engaged in Shot Peening, Shot Blasting & Thermal Spray Technology and Surface Preparations and other such areas related to Aviation, Railway, Nuclear Fuels, Offshore, Wind Mill, Automobiles, Casting & Forgings, Steel, Textile, Structures Industries etc. Mec Shot organizes the 5th Workshop in a row which will help participant to update with latest technology in the related field.

OBJECTIVES

- To acquaint the participants with various new technology in the field of peening, blasting, painting & baking.
- To develop an understanding of the tools and techniques for effective shot peening, blasting for surface preparation.
- To expose participants with testing equipments.
- To provide insight of different types of abrasives/shots for peening-blasting & consumables.
- To discuss various aspects related to peening, blasting, painting & baking technology for surface preparation.
- To acquaint participants with latest technological developments in the related fields.

THE CURRICULUM

ABRASIVE / SHOT BLAST CLEANING THEORY 16th September, 2010

Introduction Session & understand the mechanics of blasting & surface preparation. Air Blast Machines : How to specify International Standards evaluate machine types parts handling capability, performance criteria, training, on-site assistance, warranty. Maintenance review of machine components subject to hopper, nozzles, manipulators, work handling, cabinet, media reclaim. Nozzle selections understand how nozzles work and how to select nozzle for particular application.

Dust Collectors : Understand construction, operation and maintenance of media dust collectors, how they can evaluate machine performance.



Wheel Blast/Shot Peening Machine : Elevator/ Separator Adjustment understand how the shot bucket elevator system works and learn how to safely make adjustment. Hot Spot Learn how to properly aim the blast stream using the method & Maintenance. Everything you ever wanted to know about wheel machine maintenance.

Magna Valve for Shot flow controller for Air Operated & airless shot blasting/peening machines.

Painting & Baking Enclosure/Booth have become mandatory requirement for operator safety Preservation Line: Is a complete system where inline heating, blasting, painting, blowing off & baking system is a prime requirement of the production.

On concluding day there shall be one to one discussion among all participants. The views and comments from participants on subject of shot peening / shot blasting machines shall be retrieved for future improvements in coming workshop.



PEENING THEORY 17th September, 2010

Introduction Session & understand the mechanics of peening, stress profiles, fatigue and failure curves by application of shot peening. Peening Intensity and coverage : Learn the correct meaning of peening intensity and coverage and how to construct and read an Almen saturation curve. Understand coverage and how to set machine cycle times.

Almen Gauge Practice, Media Specifications Learn about differences & Media Size Control Learn how the screen separators installed, turned and learn how to segregation of shots.



- (A) Shot peening of Jet Engine Impeller during overhauling at HAL Bangalore.
- (B) Shot peening of Coil springs for automobile industries.
- (C) Shot peening of Gas Turbine Components for Aviation Industries.
- (D) Shot peening of Rock Drill Bits for mining industries.
- (E) Hybrid peening machines a combination of Airless & Air-operated shot peening machine.

DATE & TIMING
 16th Sept., 2010 (9:00 A.M. to 5:00 PM)
 17th Sept., 2010 (9:00 A.M. to 5:00 PM)
 Detailed Schedule of Programme will be provide at the time of Registration.

