



MFN Shot Peening Workshop, Mumbai, India

Date: January 18 - 20, 2027



www.mfn.li

- 19 different Topics
- FAA accepted Courses
- MFN is a Partner in Education in Nadcap
- includes Flap Peening Demonstration



Basic/Level 1 Course	Intermediate/Level 2 Course	Advanced/Level 3 Course
January 18, 2027	January 19, 2027	January 20, 2027
Level 1 is the minimum requirement for shot peen operators and is the foundation for level 2. The level 1 course provides training in peening workshop operations & inspections. The content includes: Introduction to Peening; Intensity L1; Coverage & other inspections; Wheel Shot Peening Machines; Air peening machines & nozzles; Peening Media L1; Performing & Documentation FAA acceptance ref. no. will be on certificate of achievement	Level 2 is the minimum requirement for shot peen supervisors & technicians. Level 2 builds on the knowledge gained in level 1 to provide further capability in: Understanding Intensity & Saturation curves L2; Saturation curve exercises; Coverage L2; Engineering & Planning the process; Air Peening Machines & Nozzles; Peening Reciprocating Engine Applications; Peening Media L2 FAA acceptance ref. no. will be on certificate of achievement	Level 3 is the recommended standard for auditors, trainers & specifying engineers. Level 3 provides greater breadth and depth of knowledge to enhance the competence gained from the previous levels. Residual Stresses & their measurement; Fatigue & Stress Corrosion; Optimization of SP; SP Process Improvement; Alternative Peening Technologies I; Alternative Peening Technologies II; Undertaking a SP audit FAA acceptance ref. no. will be on certificate of achievement

- Location:** - The Hotel Sea Princess, Mumbai, Maharashtra, see page 4
- Registration Fees:**
- Shot Peening course: 25000 INR per person and course, group discount available
 - Included: course documentation, break refreshments and lunches
 - Not included: transportation, lodging and other meals
 - Class size is limited. Make early reservations.
 - Certificate of completion is issued to each participant
 - Optional certificate of ACHIEVEMENT (7000 INR)
 - Payment to be made before the workshop
 - Cancellation will be charged 1500 INR and must be made in writing 7 days prior to the start of the workshop. "No Shows" will be liable for the full fee.
 - GST is applicable and is extra

Note: Workshops sometimes get cancelled. Check with organizer before making non-refundable flight or hotel arrangements.

Description about the courses at:
www.mfn.li/workshop/courses



Registration: (One form per person. You may copy this form.)

Name:	Surname:
Company:	Street:
Postal Code:	City:
Country:	Phone:
E-mail:	Fax:

New Topics!
Completely revised!

	basic/level 1	intermediate/level 2	advanced/level 3
Shot Peening Course Each course to be paid separately. Shot Peening: 25000 INR per course	☐	☐	☐
Optional Test for Certificate of Achievement (7000 INR)	☐	☐	☐

Registration E-mail to rishabh.shah@daksha.net, For questions call +91.9833971319

Why attend the MFN Shot Peening Workshop



FAA
accepted

MFN offers training that is authorised by the FAA

MFN is organizing frequently these international 1-4 days Shot Peening Workshops and to attract a wide spread audience. Operators, supervisors, process & maintenance engineers, buyers, even trainers will be able to either learn something completely new, or at least be able to refresh their knowledge.

FAA accepted Courses:

All 3 courses offered during the workshop are FAA accepted. Participants who passed the optional examination receive a "Certificate of Achievement", which has the related FAA identification number on it. The FAA acceptance gives the courses a general credibility. However, there are a lot of aviation repair and overhaul stations, which do receive frequent FAA audits. Especially those companies will appreciate to have access to a FAA accepted shot peening training.

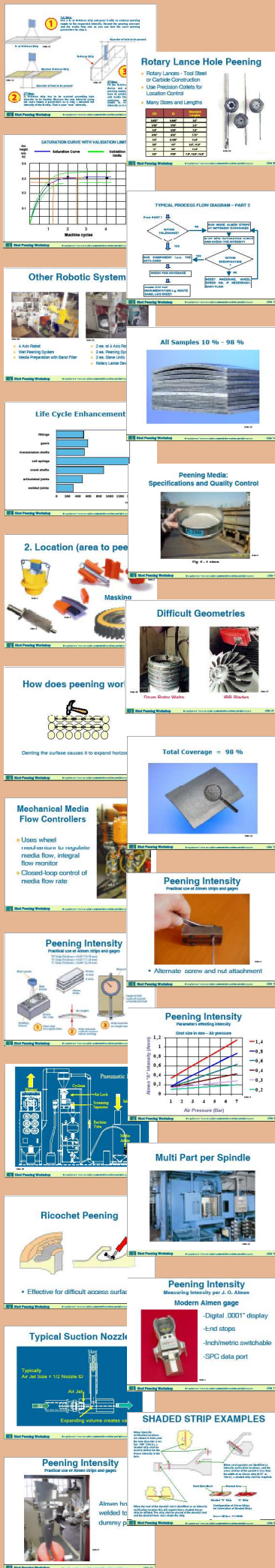
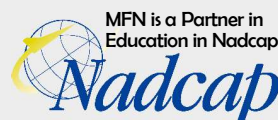
MFN is Partner in Education in Nadcap:

Nadcap and MFN have agreed to recognise and promote the cooperation between the two organisations in areas of common interest according to their purpose, namely aerospace special process assessment. The cooperation will be known as "Partners in Education" and is intended to create synergy, making optimal use of the resources available, for the accreditation related activities offered by both organizations so as to provide an effective and efficient service to the aerospace industries in the world.

Topics of Workshop:

-introduction to peening and theory, -peening intensity, -effect of peening, -Almen saturation curve, -peening coverage, -exposure time, -peening location, -process documentation, -masking solutions, -workpiece fixtures, -shape & size inspection of peening media, -specifications, -shaded strips, -audits by 3rd parties, -durability/performance tester for shot peening media, -specifications & standards, -peening equipment components, -air & wheel peening, -machinery styles and application examples, -hole peening, -flap peening, -peen forming, -optimization of shot peening for fatigue critical applications, -residual stress, -XRD and BNA measurement of shot peening induced stresses, -laser peening, ultrasonic peening, cavitation peen, -deep rolling, -photo optical particle analysis, -shot peening in the automotive industry, -etc.

Description about the courses at: www.mfn.li/workshop/courses





BASIC / L1: January 18, 2027

Description about the courses at: www.mfn.li/workshop/courses

Time	Subject	Course	Official MFN Trainer
9:00-9:10	-Official Opening of Basic Course / L1	-----	Rishabh K Shah
9:10-9:55	-Introduction to Peening	Basic, FAA recognized	Rishabh K Shah
9:55-10:40	-Intensity L1 (requirements & verifying)	Basic, FAA recognized	Rishabh K Shah
Morning Break (20 minutes)			
11:00-11:45	-Coverage & other inspections	Basic, FAA recognized	Rishabh K Shah
11:45-12:30	-Wheel Shot Peening Machines	Basic, FAA recognized	Rishabh K Shah
Lunch Break (45 minutes)			
13:15-14:00	-Air Peening Machines & Nozzles	Basic, FAA recognized	Rishabh K Shah
14:00-14:45	-Peening Media L1 (types & inspection)	Basic, FAA recognized	Rishabh K Shah
Afternoon Break (20 minutes)			
15:05-15:50	-Performing & Documentation (including masking)	Basic, FAA recognized	Rishabh K Shah
15:50-16:35	-Comment: The foundation course for all trainees. The basic theory training for operator level.	Basic, FAA recognized	Rishabh K Shah
16:35-17:20	-Test for FAA accepted Certificate	Basic, FAA recognized	Rishabh K Shah

**New Topics!
Completely revised!**

INTERMEDIATE / L2: January 19, 2027

Description about the courses at: www.mfn.li/workshop/courses

Time	Subject	Course	Official MFN Trainer
9:00-9:10	-Official Opening of Intermediate Course / L2	-----	Rishabh K Shah
9:10-9:55	-Understanding Intensity & Saturation curves L2	Intermediate, FAA recognized	Rishabh K Shah
9:55-10:40	-Saturation curve exercises	Intermediate, FAA recognized	Rishabh K Shah
Morning Break (20 minutes)			
11:00-11:45	-Coverage L2 (development & advanced applications)	Intermediate, FAA recognized	Rishabh K Shah
11:45-12:30	-Engineering & Planning the process	Intermediate, FAA recognized	Rishabh K Shah
Lunch Break (45 minutes)			
13:15-14:00	-Air peening machines & nozzles	Intermediate, FAA recognized	Rishabh K Shah
14:00-14:45	-Peening Reciprocating Engine Applications	Intermediate, FAA recognized	Rishabh K Shah
Afternoon Break (20 minutes)			
15:05-15:50	-Peening Media L2 (specifications & testing)	Intermediate, FAA recognized	Rishabh K Shah
15:50-16:35	-Comment: For lead operator & supervisory levels	Intermediate, FAA recognized	Rishabh K Shah
16:35-17:20	-Test for FAA accepted Certificate	Intermediate, FAA recognized	Rishabh K Shah

**New Topics!
Completely revised!**

ADVANCED / L3: January 20, 2027

Description about the courses at: www.mfn.li/workshop/courses

Time	Subject	Course	Official MFN Trainer
9:00-9:10	-Official Opening of Advanced Course / L3	-----	Rishabh K Shah
9:10-9:55	-Residual Stresses & their Measurement	Advanced, FAA recognized	Rishabh K Shah
9:55-10:40	-Fatigue & Stress Corrosion	Advanced, FAA recognized	Rishabh K Shah
Morning Break (20 minutes)			
11:00-11:45	-Optimization of SP [including nano-structuring]	Advanced, FAA recognized	Rishabh K Shah
11:45-12:30	-SP Process Improvement	Advanced, FAA recognized	Rishabh K Shah
Lunch Break (45 minutes)			
13:15-14:00	-Alternative Peening Technologies I	Advanced, FAA recognized	Rishabh K Shah
14:00-14:45	-Alternative Peening Technologies II (include rotary flap peening)	Advanced, FAA recognized	Rishabh K Shah
Afternoon Break (20 minutes)			
15:05-15:50	-Undertaking a SP audit (as an auditor)	Advanced, FAA recognized	Rishabh K Shah
15:50-16:35	-Comment: For engineering authority, specifiers, auditors	Advanced, FAA recognized	Rishabh K Shah
16:35-17:20	-Test for FAA accepted Certificate	Advanced, FAA recognized	Rishabh K Shah

**New Topics!
Completely revised!**



MFN Office India
Contact: Rishabh K Shah
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E-mail: rishabh@mfni.li



The Trainers:
Rishabh K Shah
Official MFN Trainer



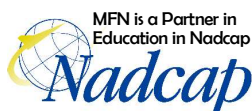
The Trainers:
Shlomo D. Ramati
Official MFN Trainer
and Book Author



The Trainers:
Leo Ge
Official MFN Trainer

E-mail Registration
Form to rishabh@mfni.li

More details at www.mfn.li/trainers





MFN Workshop Location:

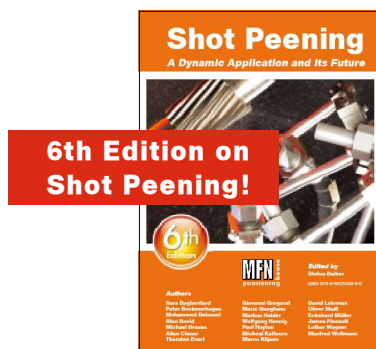


Hotel Information:

Sea Princess Hotels & Properties Pvt. Ltd.
 969, Juhu Tara Road, Juhu Beach,
 Santacruz (W), Mumbai 400049 (INDIA)
www.seaprincess.com

Courses available at MFN:

- ▶ Shot Peening L1-L3 FAA accepted!
- ▶ Practical Shot Peening
- ▶ Flap Peening FAA accepted!
- ▶ Blast Cleaning & Surface Preparation
- ▶ Surface Enhancement Technologies
- ▶ CONSULTING: Shot Peening



For more information or ordering see www.mfn.li/books