



Care for Machine Tool Spindles - Systematic Approach for Spindle Maintenance

Date : 8 to 10 January, 2025

Venue : IMTMA Technology Centre, Bengaluru

Last date for registration 01 January 2025

INTRODUCTION

Maintenance of spindles in metal cutting or industrial machinery is a critical function of a maintenance engineer. Technicians maintaining them typically require special diagnostic tools and intense technical training. Often component deviations can be traced to faulty spindles. Spindle maintenance requires a thorough knowledge of bearing application, lubrication, assembly tools and techniques.

Keeping this in view, IMTMA is organizing an online training on "**Care for machine tool spindles-Systematic approach for spindle maintenance**".

FOCUS AREAS

- Bearing types & their application in metal working and industrial machinery
- Bearing lubrication systems
- Spindle failure & reconditioning
- Tools, tackles & assembly techniques
- Testing of assembled spindle units
- Bearing failure
- Spindle bearing preloading
- Preventive maintenance of spindles
- Why do spindles fail? - Case studies and examples
- Live demo of Spindle dismantling, testing and assembly

KEY TAKE AWAYS

- Identify and correct spindle problems before any catastrophic failure
- Plan periodic predictive maintenance and inspection
- Decrease downtime and save money on spindle repairs
- Learn through live demo of spindle dismantling, testing and assembly

PARTICIPATION FEE

Rs. 13750/-

+18% GST

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

USD 550/-

Overseas Participants

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

FACULTY

This programme will be conducted by **Mr. S.K. Gupta** and **Mr. Maqsood A Khallaq**.

Mr. S K Gupta is Former Asst. General Manager, Machine Design & Business Development, Tata Motors Machine tools division, Pune. He is an industry expert with over 37 years of rich experience in Design & Development of General purpose & Special purpose Machine tools.

Mr. **Maqsood A Khallaq** is an Industrialist with over 3 decades of expertise in Machine Design and Fixturing. An ex-HMT as Dy. General Manager served the R & D dept. He now runs his own Industry "XL CNC Machine" at Peenya.

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.