



Training Programmes on Grinding & Abrasive Machining



Breaking the Myth

All along we have learnt that grinding is a finishing operation where one can remove material in microns. While it still holds good, more often than not, grinding can be much more than just finishing operation. In fact, with grinding we can effectively remove material up to 10mm achieving the desired surface finish and required tolerances while ensuring component integrity. However, despite the vastness and importance, very little has been covered on this subject in the graduation level engineering text books. There accordingly remains a gap between the academics and the application demands.

About the Programme

Precisely for that reason, drawing from its huge pool of experience and expertise, Wendt has taken the initiative to offer intensive training programmes in grinding technologies for the user industry in order to bridge the gap. These programmes have been designed to address both the Basic Level and Advanced Levels. Also available are training programmes on specific areas such as Honing, Grinding with Vitrified CBN Wheels and employing Stationary and Rotary Dressing Systems.

Objective

The aim of these programmes is to provide the understanding at both basic and advance levels of how grinding process works and the necessary skill sets for analyzing the problems in production grinding environment. Participants will be equipped with the knowledge about the Basic Principles of Grinding, Grinding System Engineering, Finishing Processes, Grinding / Honing Machines and Trouble Shooting Techniques which, when applied, will help them to overcome day-to-day operational grinding issues, produce consistent parts with improved productivity.

What you will learn

- How abrasives and super abrasives work and influence the grinding process.
- How they influence surface finish in a component
- How these abrasives and super abrasives are employed in grinding
- Understanding of grinding system
- Trends in bonding systems
- Selection of correct abrasive for the application
- Truing and Dressing of the grinding wheel
- Types of grinding fluids, their selection & influence
- Trouble shooting of common grinding problems faced during day-to-day working
- Advance applications of Grinding, Grinding Machines, Honing, Honing Machines and Processes
- Grinding hard-to-process materials
- Finishing process and applications



Learning Method

Class room sessions, case studies, assignments & practical demonstration of some of the above.

Customer Incentive

Wendt offers Free Training to participants sponsored by its existing customers in the following categories

- **Customers transacting business of Rs.100 Lakhs and above per annum.**
 - One participant for basic level and one participant for advanced level during the Training Programme Calendar.
- **Customers transacting business of Rs.50 Lakhs to Rs.100 Lakhs per annum.**
 - One participant for basic level during the Training Program Calendar.

Note: Customers can choose the dates to suit their convenience from the below Training Programme Calendar. However they are requested to check their eligibility for the Free Training before availing the incentive

Training Program Calendar for 2011 - 12

Dates/Month	Programs
22 - 23 July, 2011	Advanced Training Programme on Grinding and Abrasive Machining
18 - 20 August, 2011	Training Programme on Principles of Grinding & Trends in Abrasive Machining
*21 - 22 October, 2011	Training Programme on Vitrified CBN, Dressing Systems & Honing Application
24 - 26 November, 2011	Training Programme on Principles of Grinding & Trends in Abrasive Machining
20 - 21 January, 2012	Advanced Training Programme on Grinding and Abrasive Machining
*17 - 18 February, 2012	Training Programme on Vitrified CBN, Dressing Systems & Honing Application

* These Programmes are Location / City specific. Detailed Brochure will be provided before the commencement of programme

Note: 1. Refer individual brochure for details
2. Company reserves the right to change / cancel date or venue of programme without prior information

Cancellation charges

- 20% within 6 days of the program
- 50% within 2 days of the program or less

Mode of payment

Payments will be accepted by DD/Cheque issued in favour of Wendt (India) Limited on or before the program date.

A certificate of participation will be issued to each participant.

Accommodation

Accommodation will be arranged at **Hotel Ramee Guestline**, KIADB Industrial Area, Attibele, Bangalore - 562 107,

For more details contact:

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