TechnoBiz
In-House / In-Plant Training Programs
for
Rubber, Latex & Tyre Industries
By
Well-Experienced & International
WWW.RUBBER-INDUSTRY.ORG
## Available Course List

**RUBBER TECHNOLOGY**

- Adhesion of Rubber
- Applied Rubber Technology
- Behavior of Rubber Flow during Molding & Basic Process Troubleshooting
- Best Injection Molding Practices for Runners, Sprues, Gates, Tear-Trims, Flash Management
- Blooming/Solubility of Ingredients in Rubber
- Calendering with Rubber
- Common Problems in Rubber Compounding Plant & Troubleshooting
- Compound Development for Cables
- Compounding for Performance and Cost
- Compression Molding of Rubber
- Continuous Vulcanization
- Cost Reduction in Rubber Compounding & Processing
- Cryogenic Deflashing of Rubber Parts
- Custom Coating and Surface Finishing for the Rubber Molding Industry
- Design of Experiments (DoE) in Compound & Process Development
- Dynamic Properties of Rubbers and Their Applications
- Energy Management for Rubber Molding
- EPDM Chemistry & Compounding
- Establishing a Rubber Mixing and Molding Process
- Extrusion Pumps: Screw and Barrel Designs for Diverse Product Requirements
- Flashless / Wasteless Rubber Molding
- From Scratch to Rubber Compound Formula Development
- How to select appropriate textile reinforcement for different Rubber Products
- Impact of Filler Dispersion on Compound Quality
- Internal Mixers and Mixing Parameters
- Mixing of Rubber
- Modified Natural Rubber
- Mold Preform Preparation, Storage, Handling, Placement
- Monitoring, Causes of Variation, and Control for Complex Rubber Profiles
- Mould Fouling and Prevention
- Nine Steps to Injection Moulding Optimization
- Oil Resistance of Rubber – under the hood and oil well applications
- Optimized Productivity and Quality for Extruded Rubber Products
- Oxidative Ageing of Rubbers – Influence of Polymer Structure and Antioxidants
- Performance in Silica/Silane Technology
- Polymer and Elastomer in Cable Applications
- Potentials of High Aspect Ratio Fillers to increase Elastomer Performance
- Profile Die Design and Operation for Rubber Seals
- Prototyping Rubber Samples Rapidly
- Pulse-Fill Molding Techniques
- Reactive Mixing of Silica Compounds
- Reading Technical Drawings for Rubber Products
- Rubber Blends – from theory to applications in compounding
- Rubber Chemicals: Types, Selection, Applications
- Rubber Coated Textile Technology
- Rubber Compound Mixing Technology – Equipment, Methods and Monitoring
- Rubber Compound Rheology and Mold Design
• Rubber Compounding and Processing
• Rubber Compounding Formulation – Optimization & Case Studies
• Rubber Compounding Technology
• Rubber Conveyor Belt Technology & Manufacture
• Rubber Engineering and Product Failure Analysis
• Rubber Extrusion - Compound & Process Design
• Rubber Extrusion Downstream Equipment: Curing and Hose Manufacture
• Rubber Extrusion Heads: Inline, Cross, Tyre, Roller, Dynamic and Robotic
• Rubber Extrusion Technology
• Rubber Footwear Technology
• Rubber Mixing Plant - Design & Layout
• Rubber Molding Processes - Principles, Mold Design & Troubleshooting
• Rubber Molding Technology
• Rubber Processing & Molding Technology for Non-Technologist
• Rubber Product Design
• Rubber Raw Materials
• Rubber Reinforcement with Carbon Black & Silica
• Rubber Reinforcement with Fillers
• Rubber Rheology – Principles & Practice
• Rubber Seals & Gaskets
• Rubber Technology for Non-Technologists
• Rubber Testing and Quality Control
• Rubber to Metal Bonding
• Rubber Transfer Molding
• Rubber Vulcanization
• Rubbers for Pressure-Sensitive Adhesives
• Selection of Rubber for Auto Components
• Silica/Silane Technology – internal mixer as chemical reactor
• Specialty Rubbers
• Synthetic Rubber (SR): Types, Selection and Application
• Tear-Trims, Over-Flows, and Vents for Rubber Molding
• Thermoplastic Elastomers (TPE) & Processing
• Troubleshooting Rubber Compression Molding
• Troubleshooting Rubber Injection Molding
• Troubleshooting Rubber Transfer Molding
• Understanding Rubber Extrusion Line Performance: Dependence on Operating Variables
• V-Belt Technology
• Vulcanization Chemistry – Mechanisms and Property Control

TYRE TECHNOLOGY

• Global Tire Regulations
• Halobutyl Based Innerliner Technology for Tubeless Tires
• Heat Resistant Chlorobutyl Based Innertube Technology
• Hot Feed Rubber Extruders and Lines for Tyres and Mixer Drops

• Solid Tyre Technology
• Tire Curing Bladder Technology
• Tire Safety Test Methods & Standards
• Tyre Curing Air Bags - Manufacture
• Tyre Reclaiming Technology
• Tyre Technology
• Uniformity and Balancing of Tires
LATEX TECHNOLOGY

1. Latex Compounding: Principles & Practice
2. Science and Technology of Latex Dipping

Why TechnoBiz Training Programs?

- Well-Experienced and International Specialists as Trainers
- Industry-Oriented Topics to meet Current Requirements

Benefits

- Training Cost – the cost per delegate is typically less when compared to sending the same number to public training courses.
- Travel & Accommodation – no need for employees to travel any further than their offices and incur extra costs.
- More specific – generally running a course for a single client allows the training to focus on specific items that are causing issues within the business.
- Customized training – Getting a group together allows all of the training and learning to be focused on the company and can discuss real and current examples.
- Convenience – fit around the working schedule of the staff and at a location they come to everyday!
- Brain Storming Discussion – Group Discussions among Staff moderated by External Expert
- Team Building – a room full of delegates from different departments can encourage greater team work, awareness and understanding of each other’s role.

Required Client Facilities

- Conference Room with LCD / AV Facilities

Training Cost Information

- A Quote will be sent based on Number of Participants, Number of Days of Training, Number of Instructors Required, Training Content
- Instructor Travel & Accommodation Arrangements: In addition to above training cost, the client is responsible for instructor’s travel and accommodation arrangements.

Contact Address

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