



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

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| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 |
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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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