

KnowHow Webinars MasterClass

# Rubber Hose Technology

Expert: UK Prasad



## Program Schedule

### Day 1

09:00-10:00	Module 1: Introduction to Rubber Hoses
11:00-12:30	Module 2: Rubber Compound Development for Hoses
13:30-15:30	Module 3: Hose Manufacturing Process & Control
16:30-17:30	Module 4: Rubber Hose - Design & Construction

### Day 2

09:00-10:30	Module 5: Rubber Hose - Testing & Quality Control
11:00-12:30	Module 6: Hose Selection & Installation
13:30-14:30	Module 7: Plant Maintenance in Hose Manufacturing
15:00-16:30	Module 8: 50 Best Practices of Hose Manufacturing

### Day 3

10:00-12:00	Q & A Session – Rubber Hose Technology
14:00-16:00	TechnoBiz Knowledge Test – Rubber Hose Technology

### Upcoming Schedule

[www.knowhow-webinars.com](http://www.knowhow-webinars.com)

## Program Content

### Module 1: Introduction to Rubber Hoses

- Hose Industry Overview
- Rubber Hoses - Types & Applications
- Hose Manufacturing Basics

### Module 2: Rubber Compound Development for Hoses

- Rubber Raw Materials
- Rubber Chemicals & Process Additives
- Compound Property Requirement
- Formulation Development for Hoses
- Typical Formulations
- Rubber Mixing Process & Control

### Module 3: Hose Manufacturing Process & Control

- Rubber Extrusion & Calendaring
- Yarn vs. Wire Reinforcement Process
- Braiding, Spiraling & Knitting
- Automotive Hoses
- Hydraulic Hoses
- Industrial Hoses
- Hand-Build Hose
- Manufacturing Process Controls

### Module 4: Rubber Hose - Design & Construction

- Hose Specifications & Standards
- Hose Design Features & Construction

### Module 5: Rubber Hose - Testing & Quality Control

- Rubber Hose Testing: Types & Methods
- Quality Control & Safety Regulations

### Module 6: Hose Selection & Installation

- Selecting Hoses for Applications
- Best Practices of Hose Installation
- Hose Failures: Types & Causes

### Module 7: Plant Maintenance in Hose Mfg.

- Critical Maintenance Requirements
- Rubber Mixing Plant Maintenance
- Hose Machinery Maintenance Guidance

### Module 8: 50 Best Practices of Hose Mfg.

- Cost Saving & Optimization
- Process Improvement Tips

### Q & A Session: Rubber Hose Technology

- Expert answer Questions from Participants

### TechnoBiz Knowledge Test: Rubber Hose Tech

- True/False Questions
- Multiple Choice Questions

## Speaker – UK Prasad

UK Prasad is a well-experienced rubber technologist with 39 years of experience with specialization in Product, Process & Material Development in Rubber Hoses, Wire & Cables and Belts & Rubber to Metal Bonded Products. His professional experience includes: 24 years at Gates India (Hydraulic & Industrial Hoses); 7 Years at NICCO Corporation (Wires & Cables); 5 Years at Dunlop (Hose, Belts & Rubber to Metal bonded Product); 4 Years at JK Fenner (Hydraulic & Industrial Hoses).



## Registration Guidelines

<p><b>Registration Fees</b></p> <ul style="list-style-type: none"> <li>• Member: 550 US\$</li> <li>• Non-Member: 750 US\$</li> <li>• Group (5-Pax): 1800 US\$</li> </ul>	<p><b>Remarks:</b> Registration fee includes Training Documents, Certificate of Participation and TechnoBiz Knowledge Test Report. VAT 7% Taxes and Payment Processing Fees will apply on registration fees. Confirmed participants will receive a separate link for each module two days before schedule time.</p>
<p><b>Registration Form:</b> <a href="https://webinars.technobiz.org/event-form-18891/">https://webinars.technobiz.org/event-form-18891/</a></p> <p>Please register online at the above link. Immediate registration confirmation note will be sent along with invoice. Participants have payment methods options of <i>bank transfer</i> or <i>credit card</i> (via Paypal) payments as per their convenience. 100% of Invoice value must be paid.</p>	

## Participant Guidelines

- Confirmed participants, who have paid registration fees will receive a separate link for each module two days before schedule.
- Participants are required to have a stable & high-speed internet to access this online program.
- If registered participant misses any of the modules due to other commitments and prior engagements, participants can view the recorded version of module at an additional fee of 50 US\$++/Module/Person at preferred schedule.
- Participants who join all modules as well as knowledge test will only receive “**MasterClass Certificate**”.
- All registered participants will receive copyrighted training document in PDF format.
- Registered participants are required to login 10 minutes before each module starting time on each day.

## TechnoBiz Knowledge Test

- This program has 2-hour long “TechnoBiz Knowledge Test” (online) on the last day of the program with focus on “Rubber Hose Technology”. The question format is “true/false” and “Multiple Choice” type questions for the participants to answer. All participants will receive a “**TechnoBiz Knowledge Test Certificate**” with score in PDF format. Interested non-registered participants can also register for this test only at a registration fee of 30 US\$/Person to assess their knowledge on this subject.

## Private Q & A Session

- KnowHow Webinar Experts offer private Q&A Session for individual companies on specific topics based on their expertise. The length of Private Q&A session (Online) is 2 hours long. The registration fee/expert for this session is 650 US\$/company/2hrs. Maximum of 5 participants from the same company can join in this Q&A session. The session schedule will be arranged as per mutual convenience of company and expert. The registered company is required to send background information and list of issues to be discussed in advance (at least 3 days before agreed schedule). Extra fees apply for additional time for the Private Q&A session over 2 hours. For more information and assistance, please send an email to [peram.technobiz@gmail.com](mailto:peram.technobiz@gmail.com).

## Contact Address



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