



TRAINING CATALOGUE

Tire repair - mounting OTR - TPMS

TRAIN AND REINFORCE YOUR SKILLS

Our **TRAINING CENTER** has been set up to impart to our customers the skills required to use Schrader SAS products.

Particularly:

- Regarding **the cold and hot repair of tires** (passenger cars, light trucks, trucks, agricultural, earthmover...)
- Regarding **the mounting and removal** of 1,3 and 5-piece agricultural, HGV and earth mover tires.
- Regarding **tire pressure monitoring system** (TPMS)

REPAIR OF TIRES FROM PASSENGER CARS TO EARTH MOVER VEHICLES

Installation and commissioning of complete repair shops for up to 63 inches (large sites and mines.)

MOUNTING AND REMOVAL OF EARTH MOVER TIRES

- Jacks and saddle cushions: safety requirements for an intervention on the vehicle.
- All tools for mounting and removal of tires in the assembly shop or on site.
- Supply of tire removers for 1, 3 and 5 -piece wheels.
- Safe tools for placement of sealing joints. Various accessories.

TIRE PRESSURE MONITORING SYSTEM

Knowledge and understanding of different TPMS systems - programming



 **SCHRADER PACIFIC**
Tire Hardware Solutions
CENTRE DE FORMATION

SCHRADER SAS' EXPERTISE



TRAINING AT OUR PLANT OR ON SITE - ADAPTABLE CONTENT

Training possible in Pontarlier or our expert comes to your place.

Customizable and **adaptable** content on request, contact us for details.



SAFETY

Detailed instruction leaflets for each tools.

Tools designed to withstand the highest constraints, EC approved.

Special safety training for the users.



DEVELOPMENT OF SPECIFIC PRODUCTS

Innovation : tools adapted to new machines, new rims...

Training centre for professional training recommended by the most important tire manufacturers.
Declaration registered under n° 43 25 01928 25 with the prefect of the Franche-Comté region.



TIRE REPAIR PASSENGER CARS & TRUCKS

LEVEL 1



Who is concerned?

Each person working as a tire dealer or in a passenger car tire workshop who needs to have a detailed knowledge about tire repair methods.

Target:

- Knowledge of cold and hot repair on passenger cars and truck tires
- Acquiring of methods allowing different tire repairs ; knowledge of material to use

Program:

Trainees welcome and training presentation

Theoretical:

- Tire repair target, the repairer
- The workshop for tire repair
- Technical information about tires
- The 5 steps for hot repair and required material

Practical:

- Fitting of PRP, PRF, cold patches for passenger cars and trucks
- Fitting of hot patches for passenger cars and trucks
- Skiving tools, cement, compounds, vulcanisation of a passenger car tire
- Vulcanisation with Vulcaschrad system, removal from the mould
- Skiving tools, cement, compounds, vulcanisation of a truck tire (tread and sidewall)
- Repair vulcanisation with VSM150/VSM200 system, removal from the mould

Factory visit

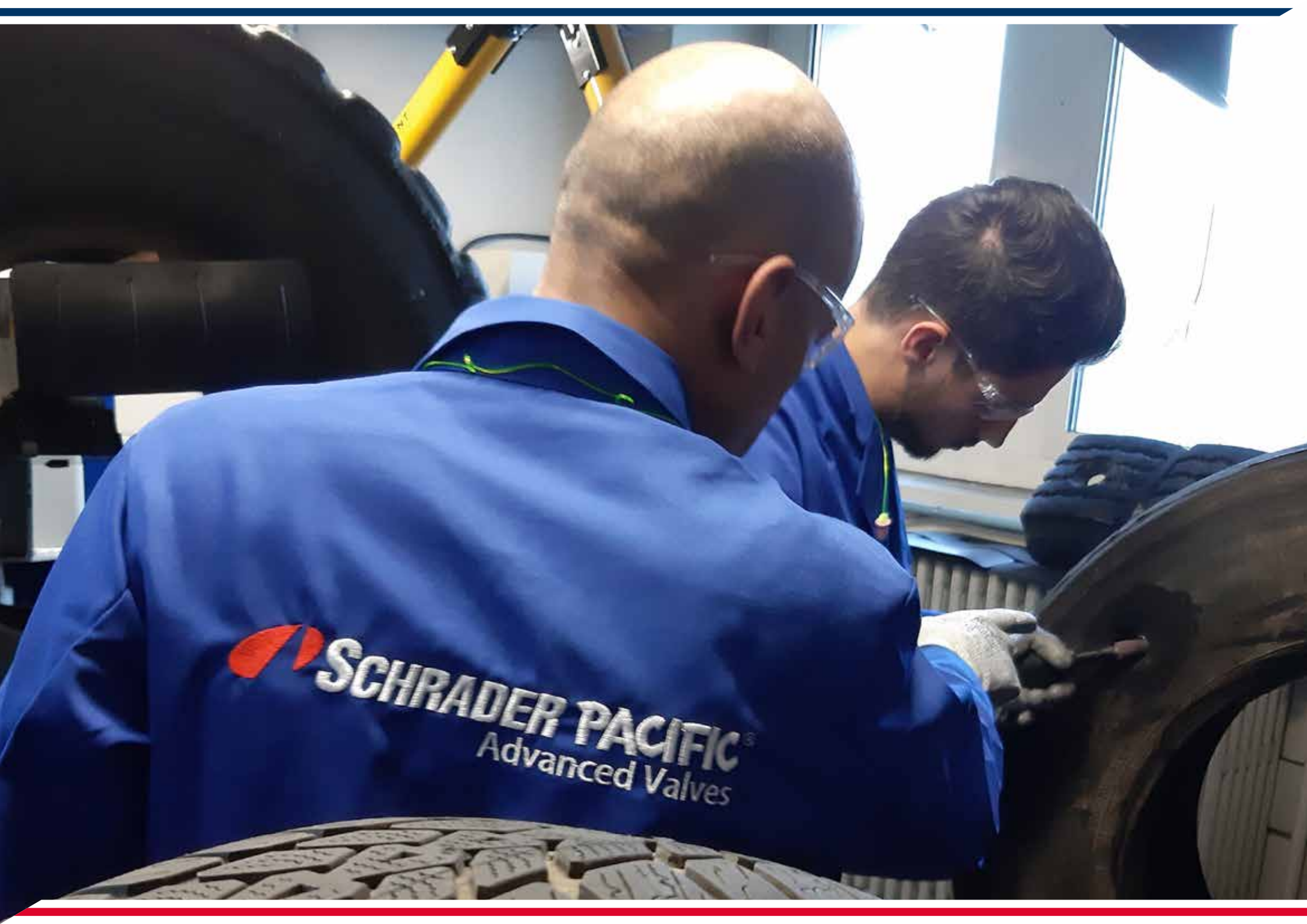
Means:

- Schrader SAS technical documents
- Didactic equipment
- Video
- Show-room with complete material for hot cure

Number of trainees: 4 persons maximum

Duration: 3 days : 21H

Certificate issued at the end of the training
Trainer: our technical expert



 **SCHRADER PACIFIC**[®]
Advanced Valves



TIRE REPAIR : EARTHMOVER

LEVEL 2



Who is concerned?

Each person working as a tire dealer or in a passenger car tire workshop who needs to have a detailed knowledge about tire repair methods.

Target:

- Knowledge of hot repair on truck, agricultural and EM tires
- Acquiring of methods allowing different tire repairs
- Knowledge and definition of material to use
- Acquiring of autonomy in repair globally

Program:

Trainees welcome and training presentation

Theoretical:

- Tire repair target, the repairer
- The workshop for tire repair
- Technical information about tires
- The 5 steps for repair and required material

Practical:

- Fitting of hot patches for trucks, agricultural, civil engineering and EM tires
- Skiving tools, cement, compounds for a truck tire on tread
- Vulcanization with VSM150/VSM200/VSM208 system and removal from the mould
- Skiving tools, cement, compounds for an agricultural tire on tread
- Specific wedging and vulcanization with VSM150/VSM200/VSM208 and removal from the mould
- Skiving of an EM tire on tread, preparation of butyl for patch fitting
- Cement, compounds and patch fitting. Vulcanization with VSM200/VSM208 system and removal from the mould

Factory visit

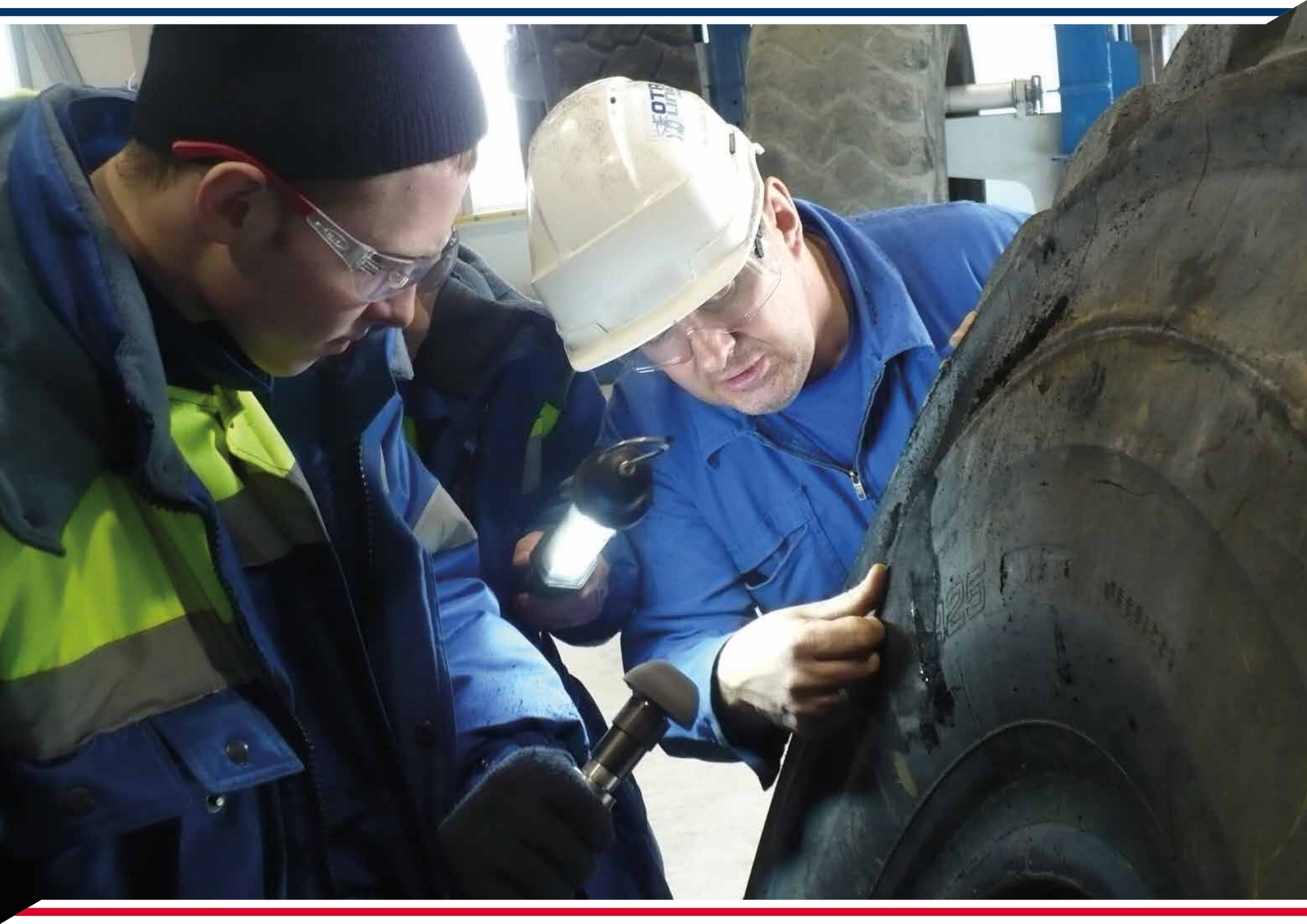
Means:

- Schrader SAS technical documents
- Didactic equipment
- Video
- Show-room with complete material for hot cure

Number of trainees: 4 persons maximum

Duration: 3 days : 21H

Certificate issued at the end of the training
Trainer: our technical expert



GENERAL INFORMATION ABOUT EM **& MOUNTING / DEMOUNTING OF EM TIRES ON 1, 3 AND 5 PIECE RIMS**

Who is concerned?

Each person working as a tire dealer or in a passenger car tire workshop who needs to have a detailed knowledge about civil engineering & EM tire mounting and demounting.

Target:

- General knowledge about EM
- Detailed knowledge about mounting, demounting and handling of EM tires
- Acquiring of method allowing mounting/demounting and handling of civil engineering and EM tires
- Acquiring of safety rules.

Program:

Trainees welcome and training presentation

Theoretical:

- Different types of vehicles
- Technical information about tires
- Different types of rims
- Driving key
- O-rings, valves, bases and inflating extensions
- Safety rules
- Lifting (jacks / airbags)
- Safety installation of vehicles
- Investigation on rim and tire :
 - . method
 - . repair and helping out on EM and civil engineering tire
 - . non repairability criteria
 - Solutions for non-functioning of a tool

Practical:

- Preparation
- Safety preparation of the vehicle and the repairer
- Lifting / wedging
- Use of the different tools for 1, 3 and 5 piece rims in relation with type of vehicle
- Mounting and demounting of 1, 3 and 5 piece rims
- Examination of rim and tire
- EM tire repair
- Learn how to tide over

Factory visit

Means:

- Schrader SAS technical documents
- Didactic equipment
- Video projector
- Training room with complete material and tools for 1, 3 and 5 piece rims

Number of trainees: 4 persons maximum

Duration: 2 days and a half : 17H30

Certificate issued at the end of the training
Trainer: our technical expert



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TPMS TRAINING

WITH DEDICATED MECHANICAL AND ELECTRONIC TOOLS

Tire pressure monitoring systems (TPMS) are a safety feature that is compulsory since 1 November 2012 for all vehicles approved after this date, and then from 1 November 2014 with no restrictions, as it applies to all new M1 category vehicles (no more than 8 passenger included driver seat) sold in Europe.

It is therefore recommended that you are operational and recognized in this field in order to maintain your customers' loyalty and develop the range of services that you can offer.

REGULATION (EC) No 661/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 13 July 2009

concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefore

Article 9

Specific provisions relating to vehicle tyres, installation of tyres and tyre pressure monitoring systems

extracts:

«It is appropriate to set out requirements regarding both the general safety of motor vehicles and the environmental performance of tires, due to the availability of tire pressure monitoring systems which enhance at the same time the safety and environmental performance of tires»

«It is important that replacement components for systems which are covered by this Regulation be subject to equivalent safety requirements and procedures. Therefore it is appropriate to provide for the approval of replacement components and separate technical units»



GENERAL INFORMATION ABOUT TPMS

TIRE PRESSURE MONITORING SYSTEM

Who should do this training:

Company directors, store managers, sales managers, customer service staff, stock managers

Target:

TPMS is an opportunity for all tire professionals and dealerships to develop real added value in the range of services offered. The key to success is appropriate training for technicians as well as sales staff.

In depth knowledge of TPMS procedures and products not only enables you to identify your customers' requirements but also to educate them and to make them aware of this new technology and its impact on the business.

This program gives an overview about TPMS, the benefits of this new technology.

Program:

Trainees welcome and training presentation

Theoretical:

- Understanding the European regulations
- Perspectives for growth (market for OE sensors replacement and for sensors for complete winter wheels sets)
- Operation and benefits of the various existing TPMS systems
- Reading and using the Schrader SAS TPMS database
- The different types of sensors and their maintenance
- Equipment necessary for fitting / removal / reprogramming of TPMS sensors
- Investment and profitability
- Marketing support (documentation, website)
- Establishing a good communication with customers on TPMS matters
- Questions & Answers

Practical:

- Vehicle reception procedure
- Presentation and demonstration of specific mechanical and electronic equipment
- Handling of the mechanical and electronic tools
- Role play

Factory visit

Means:

- Schrader SAS technical documents
- Schrader SAS videos
- TPMS sensors, maintenance service kits, electronic and mechanical tools
- Vehicle equipped with TPMS

Number of trainees: 6 to 8 persons

Duration: 4h30

Certificate issued at the end of the training
Trainer: our technical expert

TECHNICAL INFORMATION ABOUT TPMS

TIRE PRESSURE MONITORING SYSTEM

Who should do this training:

- Any person working as a mechanic in a tire workshop
- Technical service trainers

Target:

- Understanding the TPMS related European regulation
- Knowledge of existing TPMS systems for passenger vehicles
- Diagnostic functions of TPMS systems
- Mechanical fitment and removal of TPMS sensors
- Use of appropriate equipment
- TPMS systems relearning

Program:

Trainees welcome and training presentation

Theoretical:

- Review of the TPMS European Legislation
- TPMS aftermarket analysis (TPMS sensors for replacement and winter wheels sets)
- Operation and benefits of the various existing TPMS systems
- The different types of sensors and their maintenance
- Equipment necessary for fitting / removal / reprogramming of TPMS sensors
- TPMS maintenance service kits

Practical:

- Vehicle reception procedure
- Fitting and removal of sensors on wheel rims
- Identifying the right TPMS sensor and its maintenance kit
- Maintenance of sensors using the maintenance kit
- TPMS relearning methods

Factory visit

Means:

- Schrader SAS technical documents
- Schrader SAS videos
- TPMS sensors, maintenance service kits, electronic and mechanical tools
- Tire fitting
- Vehicle equipped with TPMS

Number of trainees: 6 to 8 persons

Duration: 5h00

Certificate issued at the end of the training
Trainer: our technical expert

CONTACT US

TO ORGANIZE OR PARTICIPATE IN TRAINING

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