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TRAINING PROGRAMME EXPERT'S REPORTS BICYCLE AND E-BIKE

» How to reliably detect and properly assess a claim

zedler-Gruppe
Technology and Passion for Bicycles

GDFS
Gesellschaft der Fahrrad-Sachverständigen mbH



BICYCLE EXPERTS – NEEDED MORE THAN EVER

Bicycles / e-bikes are establishing themselves more and more and with power as means of transport. In the past two years, the pandemic once again has drastically increased sales figures. The average price for a bicycle has nearly tripled in the past five years.

SPECIFIC FEATURES OF THE BICYCLE MARKET

Annual model changes, individually assembled or even completely customised models, constant technical innovations surpassing the predecessor solutions result in major as well as strongly varying market influences. With these enormous dynamics experts are facing major challenges with every other expert's report.

THE TOOLSET FOR YOU / YOUR CUSTOMERS

The introductory module “Basic” teaches the basics and the necessary toolset for a first loss assessment of bicycles and e-bikes. This module includes theory and practice. After the training, participants will be able e.g. to determine/verify prices as new of bicycles and assess cost estimates or bicycle specifications.

EXTRACT TOPIC AREAS EXPERT MODULE “BASIC”

- » component nomenclature (technical terms)
- » bicycle categories, differences in law
- » general information about the bicycle market – differences with the automotive market
- » why it is worth taking a closer look or why you should not always believe the bicycle dealer
- » documentation, description, assessments of values, repair costs
- » material properties: carbon, aluminium, steel, titanium, magnesium, wood, bamboo
- » measurement of frames and wheels
- » checking the functional parts
- » interpretation (loss vs. wear)
- » guided tour of the “Walk of Fail”
- » guided tour of one of the most extensive international bicycle test laboratories with more than 80 testing systems
- » presentations (e.g. crash test, stiffnesses)

Duration: 2 days

SEQUENTIAL MODULES (EXEMPLARY)

- » carbon in detail
- » e-bike technology in detail / battery test
- » accident reconstruction
- » exotics, classic bicycles, cargo bikes





GDFS – GESELLSCHAFT DER FAHRRAD-SACHVERSTÄNDIGEN MBH

THIS MEANS:

- » speakers have altogether more than 50 years of experience as pure bicycle and e-bike experts – from far more than 25,000 expert's reports and test reports
- » for courts, insurers, manufacturers, lawyers and private individuals active in Germany and abroad (e.g. USA, GB, Israel)
- » manufacturers documentations archive: the largest one all over Europe, probably even the largest one of the cycle / e-bike industry worldwide
- » speakers have extensive trade and workshop experience
- » speakers ride as private individuals and as test riders for special interest magazines or industrial customers tens of thousands miles by bike / e-bike per year



COMPANY HISTORY

COMPETENCE IN BICYCLE KNOWLEDGE:

- 1993** Foundation of Ingenieur- und Sachverständigenbüro für Fahrradtechnik in Ludwigsburg by graduate engineer Dirk Zedler
- 1994** Public appointment and swearing in of Dirk Zedler as expert witness for bicycles at the CCI region Stuttgart
- 1995/96** First participation in the German DIN committee
- 1998** Dirk Zedler becomes first chairman of Bundesverbandes der Fahrrad-Sachverständigen e.V. (German association of bicycle experts)
- 2004** From that year on training company for bicycle mechanics
- 2007** Founding member of CCI board of examiners
- 2009** From that year on lectures at the German Association for Materials Research and Testing (DVM e.V.), workshop bicycle safety
- 2010** Foundation Zedler-Institut für Fahrradtechnik und -Sicherheit GmbH (testing services, technical documentation)
- 2012** Lecture at GDV e.V., symposium on liability: "Damage to bicycles – Developments and verification possibilities"
- 2013** From that year on advisory committee at Stiftung Warentest (German foundation for comparative product testing)
- 2014** In addition, public appointment and swearing in of Dirk Zedler as expert witness for electric bicycles
- 2014** Training company for a two-wheeler mechatronic technician, specialising in bicycles
- 2015** Cooperation in a board for standardised guidelines on the replacement of components on e-bikes (together with the umbrella organization for German industry guilds BIV, Velotech and the German bicycle associations VSF and ZIV)
- 2016** Foundation of GDFS – Gesellschaft der Fahrrad-Sachverständigen mbH
- 2019** Zedler-Institut is founding member and Dirk Zedler in the extended board of "Bundesverband Zukunft Fahrrad e.V." (BVZF, the German cycle association future bicycle)



BdFS – Bundesverband der Fahrrad-Sachverständigen e.V. (German association of bicycle experts); founding member and chairman



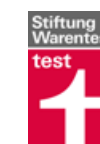
BVZF – Bundesverband Zukunft Fahrrad e.V.; (German cycle association future bicycle); founding member and extended board



DIN – Deutsches Institut für Normung e.V. (German Institute for Standardisation), cooperation



Chamber of Commerce and Industry CCI region Stuttgart, founding member of board of examiners "Bicycle mechanic"



Stiftung Warentest (German foundation for comparative product testing); advisory committee



GDFS
Gesellschaft der Fahrrad-Sachverständigen mbH
Hundshalde 4 | 71634 Ludwigsburg
Phone +49 (0)7141/3 16 47
Fax +49 (0)7141/3 16 48
info@gdfs.bike
www.gdfs.bike | www.zedler.de

GDFS
Gesellschaft der Fahrrad-Sachverständigen mbH