



## Press Release

### Practical Seminar about „Lighting“

#### Process optimized dosing technology

The third time in a row ViscoTec Pumpen- u. Dosiertechnik GmbH performs a 2-day practical seminar with practical applications: from 20<sup>th</sup> to 21<sup>st</sup> of April 2016 at its headquarter in Töging am Inn. The title of this year's event is **„Lighting - process-optimized dosing technology for the production of LEDs“**.

The main points of the workshop are coordinated to product developers, application engineers, process managers and production planners looking for information about the perfect balance of material, machine and dosing process as well as trends of the manufacturing technology.

LED's are currently said to be the most economic and future oriented lighting systems in the market. Unquestionably the main characteristic feature is the enormously low energy consumption. In addition, they can be adapted on many applications with quick switch cycles intelligently and allow therefore a big range of implementation. The requirement of these light-emitting diodes is estimated till 2020 at a rate of about 70 percent in the worldwide lighting market (Source: „Lighting the Way“ by McKinsey). With increasing expansion of this technology, e. g. also in the lighting system and traffic technology of the public sector or automotive manufacturing, rise in parallel the demands for failure security, material permanence and quality of the production processes.

The practical seminar this year looks closely at the used adhesives and sealants for LED-based lighting systems. In cooperation with material manufacturers the necessary dosing processes are introduced for the bonding, sealing, isolating and potting within the LED production. Another point is the setting of tasks to form these processes economically optimally.

Presentations of external lecturers offer a general overview about used media (e. g. adhesives, sealants, potting materials), about surface pretreatment and the dosing process





in LED manufacturing. The knowledge transfer is supported under realistic conditions by several practical stations which introduce 1K-and 2K-dosing tasks with most different materials.

Participants have the possibility to have a look together with our dosing experts at concrete settings of tasks and dosing projects - for highest process stability and cost control. Further information about the workshop on [www.viscotec.de/praxisseminar](http://www.viscotec.de/praxisseminar)

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*Practical seminar "Lighting"*

### **ViscoTec – Perfectly dosed!**

ViscoTec Pumpen- u. Dosiertechnik GmbH primarily deals with systems required for conveying, dosing, applying, filling and emptying medium to high-viscosity fluids. The technological leader headquarter is in Töging a. Inn (Bavaria). Furthermore ViscoTec has subsidiaries in the USA, in China and in Singapore and employs almost 120 people worldwide. Numerous sales partners all over the world complete the international distribution network. Next to technically sophisticated solutions to even the most complicated application, ViscoTec is the single point of contact to deliver all components for a complete system: from emptying to preparing and to dosing. This guarantees successful interaction of all components. All fluids showing a viscosity of up to 7.000.000 mPas can be conveyed and dosed almost pulsation-free and with extremely low shear. ViscoTec offers comprehensive consulting for every application and, if required, extensive tests will be carried out in close cooperation with the customer. The dosing pumps and systems are perfectly adapted to their respective application whether it is the food sector, the automotive industry, the aerospace field, the medical technology, the pharmaceutical industry and many other branches.

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