

Sulzer Technical Review

SULZER

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Proven quality
Innovation
through testing

Advanced measuring
Development of
plastic products

Prevention of outage
Monitoring of motors
and generators



Testing and quality

- 4** News
Exhibitions, Events

Testing and quality



- 6** Proven quality
Innovation through testing—test facilities that support product development
- 10** The key to application-tailored coating materials
Driving development through an expanded “global-local” organization
- 14** Filter and fit
Revealing and interpreting hidden features using dedicated signal analysis
- 17** Sulzer analogy
Testing poisons
- 18** A crucial factor in product development
State-of-the-art measurement technology
- 22** Prevention of outage major downtime
Condition-based monitoring of motors and generators
- 25** Sulzer innovation
The ideal solution for corrosive media

Panorama



- 26** Reducing pressure—increasing efficiency
When pressure has to be reduced in a process, using pumps as turbines increases the overall efficiency significantly
- 30** Characterization of arbitrary distributions
A new method
- 33** Sulzer world
Welcome to Sulzer Pumps in Suzhou
- 34** Interview
John Allen, Sulzer Dowding & Mills
- 35** Imprint

On the cover:

The vibration responses of an impeller of a centrifugal compressor is measured without contact with a laser vibrometer. The post-processing of the measurement results uses a method developed by Sulzer Innotec that enables the determination of the natural frequencies and the mode shapes of the wheel—for quality control and for safe operation.