



Safety components for lifts

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## TÜV SÜD supports manufacturers with the implementation of the new legal requirements for lifts in Singapore

**Munich/Singapore.** Singapore has revised the rules for safety-critical lift components in its newly launched standard for lifts SS 550:2020. As a result, type examination in accordance with the EN 81-50 European standard and performed by an accredited and listed certification company is now a requirement for component approval.

Safety-critical components in accordance with SS 550:2020 include landing door locks, safety gears, overspeed governors, safety circuits including electronic components and programmable electronic systems in safety-related applications for lifts (PESSRAL). In contrast to the EU Lifts Directive 2014/33/EU, car door locks are also defined as safety components in the Singapore standard.



“By offering type examinations, we help manufacturers to demonstrate that their products are in conformity with the new requirements”, says Jonas Conrady, Department Manager New Technologies in the Lifts, Cranes and Conveyors Business Unit of TÜV SÜD Industrie Service GmbH, and points out, “Our existing type examinations already fulfil all the new requirements of the Singapore standard.” The international provider of testing and certification services can draw on extensive experience in the testing of lifts in accordance with the EU Lifts Directive 2014/33/EU and the EN 81 series of standards, particularly functional safety testing of lift components and PESSRAL systems in accordance

with EN 81-20 and EN 81-50. “TÜV SÜD is also one of the few companies listed by the Building and Construction Authority (BCA) of Singapore as a provider of tests for safety-critical components and PESSRAL systems”, emphasises Jonas Conrady. BCA currently lists only six companies for the future-focused PESSRAL system; two of these are based in Europe, including TÜV SÜD as the only company from Germany.

More information about TÜV SÜD and its activities in the lifts sector can be found on the Internet at <https://www.tuvsud.com/lifts-and-escalators>.

**Note for editorial staff:** The press release and high-resolution photo are available on the Internet at [www.tuvsud.com/newsroom](http://www.tuvsud.com/newsroom).

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