

Safety Standards

of the
Nuclear Safety Standards Commission (KTA)

KTA 3506 (2017-11)

**System Testing of the Instrumentation and Control
Equipment Important to Safety of Nuclear Power Plants**

(Systemprüfung der Sicherheitsleittechnik von Kernkraftwerken)

The previous versions of this safety
standard were issued in 1984-11 and 2012-11.

If there is any doubt regarding the information contained in this translation, the German wording shall apply.

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KTA SAFETY STANDARD

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System Testing of the Instrumentation and Control Systems Important to Safety of Nuclear Power Plants

KTA 3506

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2012-11 (BAnz. of January 23, 2013)

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PLEASE NOTE: Only the original German version of this safety standard represents the joint resolution of the 35-member Nuclear Safety Standards Commission (Kerntechnischer Ausschuss, KTA). The German version was made public in the Federal Gazette (Bundesanzeiger) of February 5, 2018. Copies of the German version may be mail-ordered through the Wolters Kluwer Deutschland GmbH (info@wolterskluwer.de). Downloads of the English translations are available at the KTA website (<http://www.kta-gs.de>).

All questions regarding this English translation should please be directed to:

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Comments by the Editor:

Taking into account the meaning and usage of auxiliary verbs in the German language, in this translation the following agreements are effective:

shall	indicates a mandatory requirement,
shall basically	is used in the case of mandatory requirements to which specific exceptions (and only those!) are permitted. It is a requirement of the KTA that these exceptions - other than those in the case of shall normally - are specified in the text of the safety standard,
shall normally	indicates a requirement to which exceptions are allowed. However, exceptions used shall be substantiated during the licensing procedure,
should	indicates a recommendation or an example of good practice,
may	indicates an acceptable or permissible method within the scope of this safety standard.