

1 Format of Code

1.1 Types of Code and Breakdown Levels

In consideration of the various requirements placed on the identification of plants, sections of plants and items of equipment in power stations, KKS has three different types of code:

- **Process-related code**
Process-related identification of systems and items of equipment according to their functions in mechanical, civil, electrical and control and instrumentation engineering
- **Point of installation code**
Identification of points of installation of electrical and control and instrumentation devices in installation units (e.g. in cabinets, panels, consoles)
- **Location code**
Identification of locations in structures, on floors and in rooms and also of fire areas and topographical stipulations (surface area grid)

These three types of code use the same identification scheme, which is subdivided into four breakdown levels. Originally the titles of the breakdown levels were based on the process-related code:

Serial no. of breakdown level	0	1	2	3
Titel of breakdown level	Total plant	Function	Equipment unit	Component

The titles of the breakdown levels of the three types of code will be as follows:

Serial no. of breakdown level	0	1	2	3
Process-related identification	Total plant	System code	Equipment unit code	Component code
Point of installation identification	Total plant	Installation unit code	Installation space code	
Location identification	Total plant	Structure code	Room code	