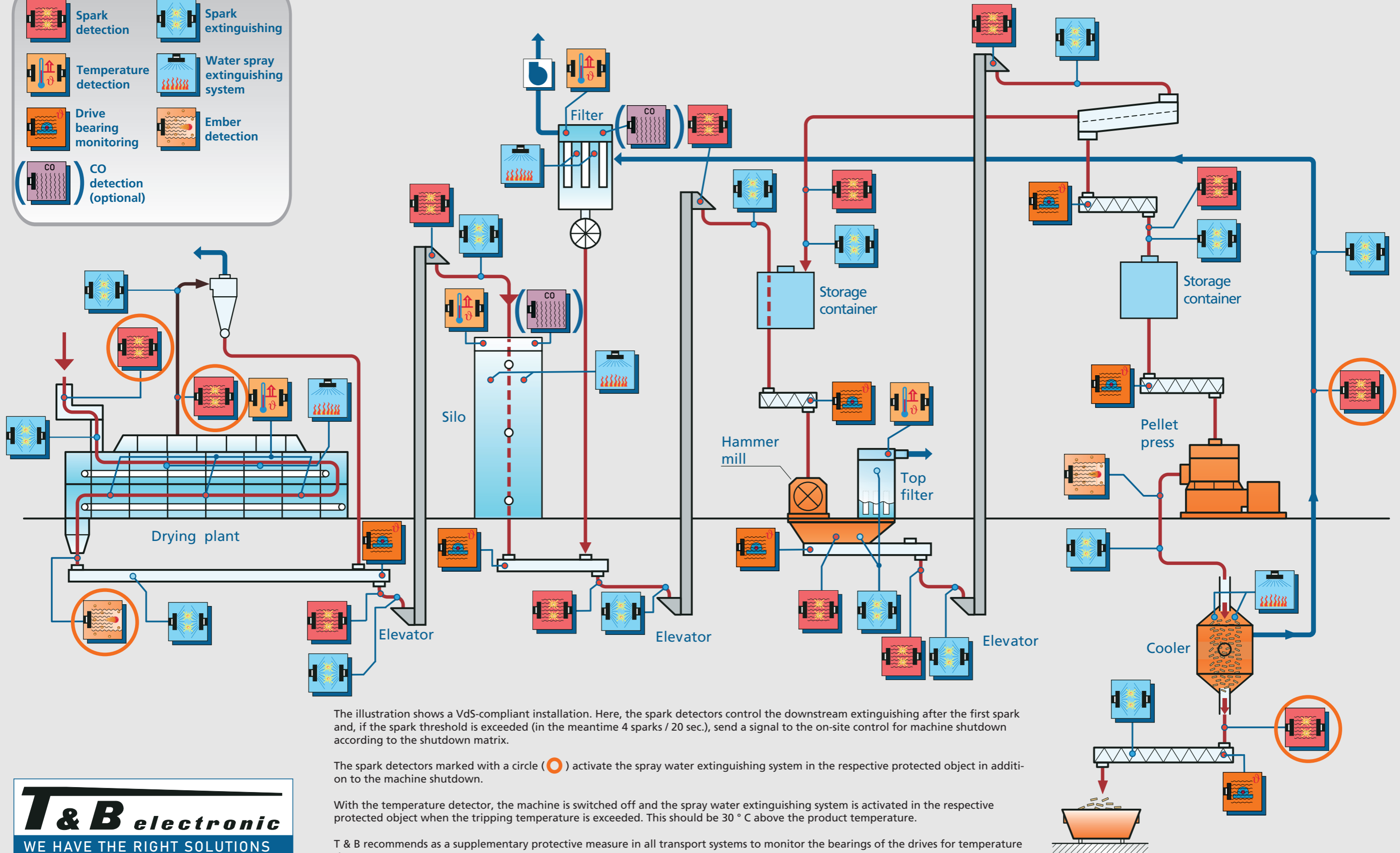
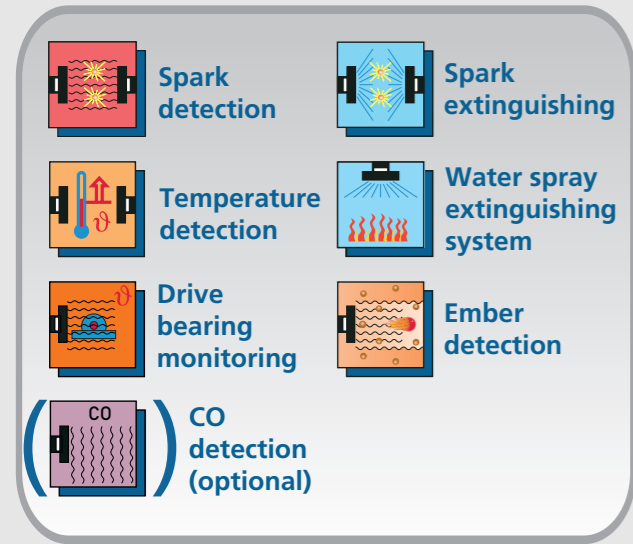


Fire protection for pellet plants



The illustration shows a VdS-compliant installation. Here, the spark detectors control the downstream extinguishing after the first spark and, if the spark threshold is exceeded (in the meantime 4 sparks / 20 sec.), send a signal to the on-site control for machine shutdown according to the shutdown matrix.

The spark detectors marked with a circle (○) activate the spray water extinguishing system in the respective protected object in addition to the machine shutdown.

With the temperature detector, the machine is switched off and the spray water extinguishing system is activated in the respective protected object when the tripping temperature is exceeded. This should be 30 °C above the product temperature.

T & B recommends as a supplementary protective measure in all transport systems to monitor the bearings of the drives for temperature rise.

In silo and filter systems, in addition to the described protection concept, CO detectors are also recommended for compliance with a holistic protection concept.

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