



VdS Guidelines for Water Spray Systems

Planning and Installation

Temporary Regulation SP 1/2005 for VdS 2109 : 2002-06 (03)

The Guidelines for water spray systems – Planning and installation, VdS 2109 : 2002-06 (03) apply subject to the following modifications, until cancelled, for any systems commissioned as of 01.12.2005.

Object to be protected		Water density of discharge in mm/min	Operating time in min	Zone area of operation in m ²	Monitoring	Secured power supply
Platforms ≤ 10 m		5.0	10	–	–	–
Platforms > 10 m		7.5	10	–	–	–
Chip silos		5.0	30	–	–	–
Waste bunker	Dumping height ≤ 2m	5.0	60	100 - 400	–	–
	Dumping height > 2m ≤ 3m	7.5			–	–
	Dumping height > 3m ≤ 5m	12.5			–	–
	Dumping height > 5m	20.0			–	–
Foamed material storages	Stacking height ≤ 2m	10.0	30	150	–	–
	Stacking height > 2m ≤ 3m	15.0	45	150	–	–
	Stacking height > 3m ≤ 4m	22.5	60	200	X	X
	Stacking height > 5m ≤ 5m	30.0	60	200	X	X
Aircraft hangar*		–	–	–	X	X
Transformers**		–	–	–	–	–
Cable ducts**		–	–	–	–	–
Roll stands*		–	–	–	–	X
Fireworks and ammunition factories*		–	–	–	–	–
Collodium-wool (without drum storage)		7.5	30	–	–	–
Tank farms**		–	–	–	–	–
Power plants**		–	–	–	–	–
Hydraulic rooms**		–	–	–	–	X
Recycling plants for plastic packaging material *		–	–	–	–	–

* to be inquired with VdS

** see Section 12

X = mandatory

Table 2.01: Parameters