

Table 9.10: Automatic Deluge Water Spray System

ITEMS	REQUIREMENTS
6. ELECTRICAL CLEARANCE	i. All system components shall be located so as to maintain the minimum electrical clearances from live parts. The clearance distance shall comply with Table 9.10.A.

Table 9.10.A.: Clearance from Water Spray Equipment to Live Uninsulated Electrical Component

NOMINAL SYSTEM VOLTAGE kV	MAXIMUM SYSTEM VOLTAGE kV	DESIGN BASIC IMPULSE LEVEL (BIL) kV	MINIMUM CLEARANCE OF WATER SPRAY EQUIPMENT
1. Up to 13.8	14.5	110	178 mm
2. 23	24.3	150	254 mm
3. 34.5	36.5	200	330 mm
4. 46	48.3	250	432 mm
5. 69	72.5	350	635 mm
6. 115	121	550	1067 mm
7. 138	145	650	1270 mm
8. 161	169	750	1473 mm
9. 230	242	900/ 1050	1930 mm/ 2134 mm
10. 345	362	1050/ 1300	2134 mm/ 2642 mm
11. 500	550	1500/1800	3150 mm/ 3658 mm
12. 765	800	2050	4242 mm

