



NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI
IEC

62305-2

Edition-1
2004-01

Project: IZRAČUN OCENE TVEGANJA -PRIZIDEK ŠOLSKI CENTER CELJE

Structure's Attributes:

Length of structure (m): 40
Width of structure (m): 17
Height of roof plane (m)*: 9
Equivalent area (m2): 6.049 m2

Structure's Dimensions:

Location relative to surroundings: Lower than
Location density (service line density): Urban
Number thunderdays: 40 days/year
Equivalent annual flash density: 4,0 flashes/km2

Structure's Attributes:

Risk of fire or physical damage: Ordinary
Structure screening effectiveness: Average
Internal wiring type: Screened

Protection Measures:

LPS type: Level IV - 84%
Fire protection level: Manual systems
Surge protection: Full SPD set IEC62305-4

Conductive Service Lines:

Power Line:

Type of service to the structure: Buried cable
Type of external cable: Screened
Presence of MV / LV transformer: No Transformer

Other Overhead Services:

Number of conductive services: 0
Type of external cable: Unscreened

Other Underground Services:

Number of conductive services: 5
Type of external cable: Screened

Loss Categories:

Category 1 - Loss of Human Life:

Special hazards to life: Average panic level
Life loss due to fire: Commercial, schools...
Life loss due to overvoltages: No safety critical systems

Category 2 - Loss of Essential Services:

Services lost due to fire: No service exist
Services lost due to overvoltages: No service exist

Category 3 - Loss of Cultural Heritage:

Cultural heritage lost due to fire: No heritage value

Category 4 - Economic Loss:

Special economic hazards: No special hazards
Economic loss due to fire: Office, school
Economic loss due to overvoltage: Museum, school
Step - touch potential loss factor: No shock risk
Tolerable risk of economic loss: 1 in 1,000 yrs

Calculated Risks:

	<i>Tolerable Risk Rt</i>	<i>Direct Strike Risk Rd</i>	<i>Indirect Strike Risk Ri</i>	<i>Calculated Risk R</i>
Loss of Human Life:	1,00E-05	1,52E-06	1,62E-07	1,68E-06
Loss of Essential Services:	1,00E-03	0,00E+00	0,00E+00	0,00E+00
Loss of Cultural Heritage:	1,00E-03	0,00E+00	0,00E+00	0,00E+00
Economic Loss:	1,00E-03	1,39E-06	9,22E-06	1,06E-05