

RISK ASSESSMENTS IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY FOR 220 kV TIMIȘOARA POWER SUBSTATION

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ABSTRACT

Based on the principles of prevention, the employer must seek to eliminate risk at source and, in order of priority, to replace hazards through non-dangers, to separate or isolate areas where there are hazards, ensuring adequate collective and individual protection. However, workers from high and very high voltage power substations continue to be exposed to occupational hazards, suffering accidents at work and occupational diseases with significant repercussions on their health, on colleagues or National Power System. Accidents at work and occupational diseases are the unseen face of wage labor, industrialization and economic development. Unfortunately, they are most often the general concern of society when tragedies occur, as was the case with explosions, of collective accidents with many victims or of particularly dangerous incidents that could have had dramatic consequences. According to the Law on Occupational Health and Safety no. 319/2006, the event means the accident that caused the death or injuries of the body, produced during the work process or in the performance of duties, the situation of missing person or the accident of route or traffic, under the conditions in which employed persons were involved, the dangerous incident, as well as the case susceptible to occupational or occupational disease.

Keywords: Risk assessment, Occupational Health and Safety, Power substation

WORK ACCIDENT PREVENTION NOTIONS

In accordance with the provisions of art. 5, letter e of the Law on Occupational Health and Safety, no. 319/2006, prevention is all security and safety measures taken by the employer and the employee to secure all place of works within an entity, that the working personnel carry out their work safely without jeopardizing their personal integrity. Prevention depends on several aspects: legislative domain, size or structure of the entity, number of hours worked, work procedure and quality prevention personnel. [1, 2]

Labor and those produced in the following circumstances shall also be considered as accidents: [3, 4]

- the accident suffered by persons visiting the enterprise and / or unit with the permission of the employer;