

## **OCCUPATIONAL HEALTH AND SAFETY POTENTIAL HAZARDS IN PT PLN (PERSERO)**

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**P**T PLN (Persero) is a state electric company in Indonesia and the biggest electric company in Southeast Asia, has asset value amount 48 billion USD which consists of power plant generation, transmission, and distribution. PLN also has 51.000 employees and 230 Business Units. PLN prioritizes the occupational health and safety for every business function to support company productivity and electric supply continuity. PLN always keeps trying to improve continuously how to manage safety and health, not only occupational safety as a direct and priority aspect, but also occupational health, because human life is about short term (safety) and long term (health). PLN is committed to protect occupational health and safety for employees by applying OHS regulation thoroughly. As a provider company of electric power, employees in PLN have a high risk of having work accidents, such as electrical shock/electrocution, falling from height, hit by materials, pinched, drowning etc. All work accidents have some impacts for the victims: fatality, burns, illness, disability and paralyzed. Related to occupational health, as an impact of work accident except fatality, usually victim need a long medical treatment and it will cost a lot. Furthermore, victim becomes disabled or paralyzed. There are various potential work

related diseases in PLN, such as deafness, ergonomic diseases, respiratory diseases, impaired vision, kidney illness, and etc. All work related diseases can be prevented by applying OHS Management System consistently, periodic medical checkup, and always using PPE (Personal Protective Equipment) which suitable with standard and job.

### **Biography**

Kemas Ferri Rahman has graduated from the Environmental Engineering Master's Degree Program in Bandung Institute of Technology, Indonesia, and Civil and Environmental Engineering Bachelor Degree Program in Bogor Agricultural University. Presently he is working at the PT PLN (Persero) Head Office, Jakarta, Indonesia as a Staff of OHS Sub Division in Health, Safety, Security, and Environment Division.

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