

THE INITIATION OF JAWA – BALI CONTROL CENTER’S HEALTH PROGRAMME FOR DISPATCHER TO PREVENT OCCUPATIONAL DISEASES

Dian Aprilia Ratnasari and **Kemas Ferri Rahman**

PT PLN (Persero), Indonesia

Occupational Safety and Health (OSH) has paramount importance in PT PLN P2B Jawa-Bali Transmission Grid Control Center. HSE department under Occupational Safety and Health Management System (OHSMS) continuously ensuring and improving the safety and health of the employees since PT PLN. P2B is responsible for feeding electricity to the mainland Jawa and Bali without disturbances. Occupational health is considered as integral factor to achieve company’s missions, which has zero interruption and mistake due to human error and operational excellence of Jawa-Bali main transmission network. Dispatching functions of the centralized control centre has the main tasks to manage, monitor, and maintain the trunk network as well as maneuver’s in case of power outages all the time. The demand of the job requires dispatchers to standby in front of screens under pressure continuously that exposed them to many health hazards such as vision problems, back pain, heart diseases, colon cancers, and other musculoskeletal issues. Therefore, a

complete and integrated dispatcher’s health programme has been designed to prevent occupational health issues such as specially designed sports venue for dispatchers, additional health kit and frequent counseling by physicians to ensure the health condition of dispatchers.

Biography

Dian Aprilia Ratnasari has completed her Bachelor’s Degree in Chemical Engineering from Sepuluh Nopember Institute of Technology Surabaya (ITS), Indonesia. She has finished her Bachelor Thesis Project in Biomass and Conversion of Energy Laboratory about Gamma Oryzanol based Biodiesel from Rice Bran Oil with Deep Eutectic Solvent. She is the Staff of Occupational Health and Safety (OHS) Sub Division in Health, Safety, Security, and Environment of PT PLN (Persero) Jawa-Bali Control Center, South Jakarta, Indonesia.

mydaratna@gmail.com