

Beyond Compliance in Managing Occupational Noise-Related Hearing Disorders

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ABSTRACT

Objective: Petroliam Nasional Berhad (PETRONAS) is a progressive energy and solutions partner with a presence in over one hundred countries. The health and safety of PETRONAS employees is of paramount importance. **Method:** As people are PETRONAS's most invaluable asset, their health and wellbeing are prioritized in line to achieve the United Nation's Sustainable Development Goal (SDG) number 3 that is to ensure healthy lives and promote well-being for all at all ages. **Results:** Evident by delivering integrated health solutions, PETRONAS creates positive social impact to employees by focusing on occupational illness prevention, providing comprehensive health surveillance, and ensuring holistic general wellness and wellbeing for employees including their mental health and wellbeing. Managing occupational illness within this large group of company has always been challenging with a dynamic large workforce and the need to comply to all regulatory requirements. In Malaysia, the surveillance requirements for workers exposed to workplace noise was amended in 2019. Stringent standards and procedures were implemented in PETRONAS establishment nationwide not only complying to the updated national legislative requirements but to safeguard the occupational health of all employees beyond the legal obligations. Besides ensuring the validity of a diagnosis of Occupational Noise-related Hearing Disorder (ONRHD) and constantly upskilling professionals involved in managing ONRHD, extensive case investigation and workplace management of noise are emphasized in all PETRONAS businesses across region. **Conclusion:** Digital solutions through "digitalizing humans" and application of artificial intelligence to generate prediction models for workplace noise and its impact to workers are initiative in-progress for future betterment of PETRONAS employees' health and wellbeing.

Keywords: ONRHD, health, wellbeing.
