

(Garuda Emblem)
Notification of Ministry of Industry
Re: Occupation Noise Exposure
B.E. 2548 (2005)

By the virtue of clause 17 of the Ministerial Regulation No. 2 (B.E. 2535 (1992)) issued pursuant to the Factory Act B.E. 2535(1992) which contains some provisions concerning the limitation of the people rights and liberties that is permissible by the provisions of section 29 together with section 35, section 48 and section 50 of the Constitution of the Kingdom of Thailand, the Minister of Industry hereby issues the Ministerial Notification as follows:

Article 1 In this Notification,

“Noise” shall mean sound level from factory operation measured outside the factory premise which is more than a standard sound level and noise level prescribed in this Notification.

“Standard sound level” shall mean sound level measured at the original environment with no noise from factory operation and is sound at percentile level 90; L₉₀.

“Sound at percentile level 90 (L₉₀)” shall mean sound level which 90% of measuring time exceeds this level.

“Sound level during exposure” shall mean measured or calculated sound level from factory operation during noise exposure.

“Exposure level” shall mean difference level between sound level during exposure and standard sound level.

“24-hour average sound level” shall mean constant sound level at outside factory premise with energy equivalent to actual sound level of 24 hours average weighted equivalent continuous sound level, with abbreviation of Leq 24 hr, and with unit of decibel A or dB(A).

“Maximum sound level” shall mean maximum sound level at outside factory premise that occurs at any point of time during sound measurement, having unit of decibel A or dB(A).

“Sound level meter” shall mean standard sound level meter of IEC 60804 or IEC 61672 of International Electrotechnical Commission (IEC).

Article 2 Noise exposure level from factory operation shall not exceed 10 decibel A.

Article 3 24-hour average sound level from factory operation shall not exceed 70 decibel A.

Article 4 Maximum sound level from factory operation shall not exceed 115 decibel A.

Article 5 Measurement methods for noise exposure level, 24-hour average sound level, and maximum sound level from factory operation shall be as prescribed by Department of Industrial Works.

This notification shall, thus, enter into force on the day following the date of its publication in the Government Gazette.

Announced on the 27th December B.E. 2548 (2005)
 (signed)_____

(Mr.Suriya Jungrungreungkij)
 Minister of Industry

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