

NOISE EXPOSURE MANAGEMENT SYSTEM
BASED ON FACTORIES AND MACHINERY
(NOISE
EXPOSURE) REGULATIONS 1989

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SUPERVISOR'S DECLARATION

I hereby declare that I have checked this thesis and in my opinion, this thesis is adequate in terms of scope and quality for the award of the degree of Bachelor of Occupational Safety and Health with Honors.

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STUDENT'S DECLARATION

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

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LIST OF SYMBOLS

dB _A	A-weighted decibels
%	Percentage

LIST OF ABBREVIATIONS

DOSH	Department of Occupational Safety and Health
HCP	Hearing conservation program
HCP	Hearing protection device
NEMS	Noise Exposure Management System
NIHL	Noise-induced Hearing Loss
OSH	Occupational Safety and Health
P&ID	Piping and Instrumentation Diagram
PPE	Personal protective equipment
PSI4MS	Process Safety Information Management System
PSI	Process Safety Information
PSM	Process safety management
SOCSO	Social Security Organization
WHO	World Health Organization
PDCA	Plan-Do-Check-Act
SMEs	Small and medium-sized enterprises
EnMS	Energy Management System
KPIs	Key performance indicators
OIS	Organizational Innovation System
R&D	Research & Development
OPTRAMS	Operational Training Management System
ANMS	Aviation's Airport Noise Management System
WHO	World Health Organization