

STANDARD INDUSTRI PEMBINAAN

(CONSTRUCTION INDUSTRY STANDARD)

CIS 14:2019

GUIDELINES ON CONSTRUCTION WORKS AT NIGHT

Description: Planning, safety management plan, road and building construction at night, safety and health precautions

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CONSTRUCTION INDUSTRY DEVELOPMENT BOARD MALAYSIA



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Development Board Malaysia**

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Perpustakaan Negara Malaysia Cataloguing-in-Publication Data

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COMMITTEE REPRESENTATION

This Construction Industry Standard (CIS) was managed and developed by the Construction Industry Development Board Malaysia with the assistance of the Technical Committee of Safety and Health in Construction which comprises representative from the following organizations:

Association of Consulting Engineers Malaysia (ACEM)
Construction Industry Development Board Malaysia
Department of Occupational Safety and Health (DOSH)
Ekovest Construction Sdn Bhd
IJM Corporation Berhad
Master Builders Association Malaysia (MBAM)
National Institute Occupational Safety and Health
Naza TTDI Sdn Bhd
Perbadanan Kemajuan Negeri Selangor
Real Estate and Housing Developers' Association Malaysia (REHDA)
S P Setia Bhd
Universiti Malaya (UM)
Universiti Teknologi Mara (UiTM)

PREFACE

Guidelines on Construction Activities at Night was developed in 2009 as Construction Industry Standard (CIS 14:2009). This standard was revised 10 years later and now known as CIS 14:2019. The revision was carried out by Technical Committee formed by CIDB, represented by the construction industry stakeholders.

Reference were made to several documents generally used by industry players in managing construction safety and health. This revised version of CIS 14:2019 document is expected to provide clearer guidance to construction practitioners in assessing their safety and health performance at construction sites.

It should be noted that compliance with this Construction Industry Standard does not in itself confer immunity from legal obligations.

GUIDELINES ON CONSTRUCTION WORKS AT NIGHT

SECTION 1: GENERAL

1.1 Introduction

There is an increasing demand for performing construction of highways and buildings at night, specially in the urban areas to reduce conflict between the public and the stakeholders of the projects. This approach can be beneficial in particular, for reducing traffic disruptions and meeting the completion deadlines. However, contractors should consider the increased safety risk at the workplace when conducting any construction works at night. This guideline will provide essential practices that can reduce the risk of construction hazards at night.

1.2 Objective

The objective of this guideline is to provide for the protection of construction employees and the public from any potential hazards of construction works at night.

1.3 Scope

This guideline is intended as a useful tool for all those working at night and dark environments in the construction industry – providing everyone involved with useful practical information and solutions so they can create and maintain a safe working environment.

This guideline summarizes some key aspects specifically for construction activities at night. The intention put upon this guideline is to be the guidance and for the compliance of a law requirement that has been state in Occupational Safety and Health Act (OSHA) 1994 and Factories and Machineries – Building Operations and Works of Engineering Constructions (BOWEC) 1986, and other related laws – encouraging the highest possible level of health and safety when working in a construction site at night.

1.4 Normative references

The following normative reference is indispensable for the application of this construction industry standard. For dated reference, only the edition cited applies. For undated references, the latest editions of the normative references (including any amendments) apply.

- i. Arah an Teknik Jalan 2C/85 (2017) – Manual on Traffic Control Devices Temporary Signs and Work.
- ii. CIS 14:2009 Guidelines on Construction Activities at Night.
- iii. CIS 25:2018 Construction Activities Risk Assessment (CARA) Hazard Identification, Risk Analysis and Risk Control (HIRARC).
- iv. Code of Practice for The Lighting, Signing and Guarding of Road Works, Hong Kong Highways Department, HKSARG (2006).
- v. Employment Act 1955.
- vi. Expressway Maintenance System, Lembaga Lebuhraya Malaysia (LLM).
- vii. Factories and Machinery (Building Operations and Works of Engineering Construction) (Safety) Regulations 1986.
- viii. Factories and Machinery Act (FMA), 1967 (Act 139).
- ix. Fire Services Act, 1988 (Act 341).
- x. Guideline on Occupational Safety and Health for Lighting at Workplace 2018.



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