

**ANALISIS KESELAMATAN DAN KESEHATAN KERJA DALAM PRAKTIK
INSTALASI PENERANGAN LISTRIK
DI SMK N 3 YOGYAKARTA**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui: (1) penerapan K3 dalam praktik-um Instalasi Penerangan Listrik di SMK Negeri 3 Yogyakarta; (2) solusi dari pratikum Instalasi Penerangan Listrik di SMK Negeri 3 Yogyakarta

Penelitian ini menggunakan metode penelitian deskriptif dengan pendekatan kualitatif. Pendekatan kualitatif digunakan untuk memberi ulasan terhadap data dokumentasi. Subyek penelitian ini adalah siswa kelas XI Teknik Instalasi Tenaga Listrik di SMK N 3 Yogyakarta. Teknik pengumpulan data menggunakan metode observasi, dokumentasi dan foto praktikum di bengkel instalasi penerangan listrik SMK N 3 Yogyakarta.

Hasil penelitian menunjukkan aspek K3 dalam praktikum instalasi penerangan listrik belum sepenuhnya diterapkan. Sebagian siswa mengabaikan bahaya-bahaya yang ada seperti bahaya mekanik: penggunaan obeng salah, bahaya fisik berupa debu, bahaya ergonomi berupa posisi tubuh membungkuk. Sikap kerja sebagian siswa belum sesuai SOP. Lingkungan bengkel Instalasi Penerangan Listrik dalam kondisi bersih. Solusi K3 dalam praktik Instalasi Penerangan Listrik antara lain: (1) menggunakan alat pelindung diri sarung tangan, helm, kacamata dan masker. (2) teratur dalam melakukan pengawasan dan inspeksi dalam praktikum. (3) menyediakan fasilitas siswa. (4) ruangan bengkel disesuaikan dengan ergonomi.

Kata kunci: bahaya, resiko, *zerosicks*, 5S, ergonomi

OCCUPATIONAL SAFETY AND HEALTH ANALYSIS
IN ELECTRICAL LIGHTING INSTALLATION PRACTICES
AT STATE VOCATIONAL HIGH SCHOOL 3 YOGYAKARTA

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ABSTRACT

This aims of this research are to determine: the application of occupational health and safety in practicum of Electric lighting installation at vocational high school 3 Yogyakarta; know the and solutions of the electric lighting installation practice in Vocational High School 3 Yogyakarta.

This research uses descriptive research methods with a qualitative approach. A qualitative approach is used to provide an overview of the documentation data. The subjects of this study were students of class XI of Electric Power Installation Engineering at Vocational High School 3 Yogyakarta. Data collection techniques using the method of documentation and photo practicum in electrical lighting installation workshop Vocational High School 3 Yogyakarta.

This aims of this research are to determine: the application of occupational health and safety in practicum of Electric lighting installation at State Vocational High School 3 Yogyakarta; find out the solutions of the electric lighting installation practice in State Vocational High School 3 Yogyakarta. This research used descriptive qualitative method. A qualitative approach is used to provide an overview of the documentation data. The subjects of this research are students of class XI of Electric Power Installation Engineering Department at State Vocational High School 3 Yogyakarta. The results of this research showed that the OSH aspect in the Electrical Lighting Installation practicum was not fully implemented. Some students ignore the dangers that exist such as mechanical hazards: the use of a screwdriver, physical hazards in the form of dust, ergonomic hazards in the form of a bent body position. The work attitude of some students is not in accordance with the SOP. Electrical lighting installation workshop environment in clean condition. OSH Solutions in the practice of Electrical Lighting Installation include: (1) using personal protective equipment gloves, helmets, goggles and masks. (2) regularly conducts supervision and inspection in practicum. (3) provide student facilities. (4) workshop room adjusted to ergonomics

Keywords: Hazard, Risk, Zerosicks, 5S, Ergonomic