

**ANALISIS TINGKAT PEMAHAMAN TENTANG KESELAMATAN
KERJA DI LABORATORIUM KIMIA PADA SISWA KELAS XI SMA
NEGERI 1 GIANYAR**

Oleh

Putu Wirasanti, NIM 1313031006

Program Studi Pendidikan Kimia, Jurusan Kimia

ABSTRAK

Penelitian ini mendeskripsikan tingkat pemahaman tentang keselamatan kerja di laboratorium kimia pada siswa kelas XI di SMA Negeri 1 Gianyar. Sampel penelitian ini adalah siswa kelas XI IPA SMA Negeri 1 Gianyar tahun ajaran 2018/2019 sejumlah 218 orang. Data yang dikumpulkan berupa hasil tes siswa pada aspek kognitif tentang keselamatan kerja. Tes digunakan sebagai metode pengumpulan data. Nilai hasil tes siswa tentang keselamatan kerja dikategorikan berdasarkan Penilaian Acuan Patokan (PAP) dan dijelaskan secara deskriptif. Berdasarkan hasil penelitian ditunjukkan tingkat pemahaman siswa kelas XI SMA Negeri 1 Gianyar tentang keselamatan kerja di laboratorium kimia tergolong sedang dengan nilai rata-ratanya sebesar 64,04. Terdapat tiga aspek yang perlu dipahami dan ditingkatkan oleh siswa mengenai keselamatan kerja di laboratorium di antaranya, yaitu: (1) berbagai jenis bahan beracun dan berbahaya di laboratorium kimia, (2) prosedur penanganan kecelakaan kerja yang benar di laboratorium kimia, dan (3) lambang keselamatan kerja di laboratorium kimia, (4) tata tertib keselamatan kerja di laboratorium kimia.

Kata-kata Kunci: keselamatan kerja, tingkat pemahaman, laboratorium

**THE ANALYSIS OF STUDENT UNDERSTANDING LEVEL ABOUT
WORK SAVETY IN CHEMISTRY LABORATORY IN ELEVEN CLASS
STUDENTS OF SMA NEGERI 1 GIANYAR**

by

Putu Wirasanti, IDN 1313031006

Chemistry Education Program, Chemistry Department

ABSTRACT

This research describe the understanding level of work safety in the chemistry laboratory of eleven class students at SMA Negeri 1 Gianyar. The sample of this research was 218 students of eleven science class of SMA Negeri 1 Gianyar in academic year 2018/2019. The data collected in the form of student test results on cognitive aspects of work safety. The method of data collection used was a test method. The students test on work safety were categorized and explained descriptively based on the benchmark of assessment reference. The results showed that the level understanding of eleven class students of SMA Negeri 1 Gianyar about work safety in the chemistry laboratory was categorized as medium with the average of score was 64.04. There are three aspects that need to be understood and improved by the students regarding work safety in a laboratory, namely: (1) the various types of laboratory chemical, (2) the procedures for handling work accidents correctly in chemistry laboratory, (3) the symbols of safety in chemistry laboratory, and (4) the rules of work safety in chemistry laboratory.

Keyword: work safety, understanding level, laboratory