

**PROGRAM STUDI S1 KESEHATAN MASYARAKAT FAKULTAS KESEHATAN
DAN INFORMATIKA INSTITUT KESEHATAN PAYUNG NEGERI
PEKANBARU.**

Penelitian, 10 Juli 2026

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**Hubungan Pengetahuan, Sikap dan Tindakan terhadap Kesesuaian Penerapan
Aspek K3 di PT Pertamina RU II Dumai**

xi + 95 Halaman + 7 Tabel + 9 Lampiran

ABSTRAK

Sistem Manajemen Keselamatan dan Kesehatan Kerja (SMK3) merupakan bagian penting dalam pengendalian risiko keselamatan dan kesehatan kerja, khususnya pada industri pengolahan minyak dan gas bumi yang memiliki tingkat risiko kerja tinggi. Implementasi SMK3 tidak hanya dipengaruhi oleh kebijakan dan sistem perusahaan, tetapi juga berkaitan dengan perilaku tenaga kerja yang meliputi pengetahuan, sikap, dan tindakan. Penelitian ini bertujuan untuk mengetahui hubungan pengetahuan, sikap, dan tindakan dengan implementasi SMK3 di PT Pertamina RU II Dumai. Penelitian ini menggunakan metode kuantitatif dengan desain *cross-sectional*. Populasi penelitian berjumlah 100 orang yang terdiri atas pengurus P2K3 dan tenaga kerja. Teknik pengambilan sampel menggunakan *total sampling*. Pengumpulan data dilakukan menggunakan kuesioner. Analisis data meliputi analisis univariat dan bivariat menggunakan uji *chi-square* dengan tingkat kemaknaan $\alpha=0,05$ serta perhitungan *Odds Ratio* (OR). Hasil penelitian menunjukkan bahwa 58,0% responden memiliki pengetahuan baik, 64,0% memiliki sikap positif, 55,0% memiliki tindakan baik, dan 60,0% menilai implementasi SMK3 dalam kategori baik. Hasil analisis bivariat menunjukkan terdapat hubungan yang signifikan antara pengetahuan dengan implementasi SMK3 ($p=0,003$; OR=3,50; 95% CI: 1,53–8,01), sikap dengan implementasi SMK3 ($p=0,006$; OR=3,32; 95% CI: 1,40–7,86), dan tindakan dengan implementasi SMK3 ($p=0,001$; OR=4,01; 95% CI: 1,74–9,25). Tindakan memiliki nilai OR paling tinggi dibandingkan pengetahuan dan sikap. Disimpulkan bahwa terdapat hubungan yang signifikan antara pengetahuan, sikap, dan tindakan dengan implementasi SMK3 di PT Pertamina RU II Dumai. Penguatan implementasi SMK3 perlu dilakukan melalui peningkatan pengetahuan, pembentukan sikap positif, dan penguatan tindakan keselamatan secara konsisten di lingkungan kerja.

Kata kunci: *Pengetahuan, Sikap, Tindakan, Implementasi SMK3, Keselamatan Dan Kesehatan Kerja*

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**BACHELOR'S DEGREE PROGRAM IN PUBLIC HEALTH, FACULTY OF
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Research, July 10, 2026

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**The Relationship of Knowledge, Attitudes, and Actions to the Suitability of the
Implementation of K3 Aspects at PT Pertamina RU II Dumai**

xi + 95 Pages + 7 Tables + 9 Appendices

ABSTRACT

The Occupational Safety and Health Management System (SMK3) is an important part of controlling occupational safety and health risks, especially in the oil and gas processing industry which has a high level of occupational risk. The implementation of SMK3 is not only influenced by company policies and systems, but also related to labor behavior which includes knowledge, attitudes, and actions. This study aims to determine the relationship between knowledge, attitudes, and actions with the implementation of SMK3 at PT Pertamina RU II Dumai. This study uses a quantitative method with a *cross-sectional* design. The research population is 100 people consisting of P2K3 administrators and workers. The sampling technique uses *total sampling*. Data collection was carried out using questionnaires. Data analysis included univariate and bivariate analysis using the *chi-square test* with a significance level of $\alpha=0.05$ and the calculation of *Odds Ratio* (OR). The results showed that 58.0% of respondents had good knowledge, 64.0% had a positive attitude, 55.0% had good actions, and 60.0% rated the implementation of SMK3 in the good category. The results of bivariate analysis showed that there was a significant relationship between knowledge and SMK3 implementation ($p=0.003$; OR=3.50; 95% CI: 1.53–8.01), attitudes with SMK3 implementation ($p=0.006$; OR=3.32; 95% CI: 1.40–7.86), and actions with SMK3 implementation ($p=0.001$; OR=4.01; 95% CI: 1.74–9.25). Actions have the highest OR value compared to knowledge and attitudes. It was concluded that there is a significant relationship between knowledge, attitudes, and actions with the implementation of SMK3 at PT Pertamina RU II Dumai. Strengthening the implementation of SMK3 needs to be done through increasing knowledge, forming positive attitudes, and strengthening safety measures consistently in the work environment.

Keyword: Knowledge, Attitudes, Actions, Implementation of SMK3, Occupational Safety and Health

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