INTISARI

Latar belakang: *Behavior-Based Safety (BBS)* merupakan salah satu pendekatan dalam Keselamatan dan Kesehatan Kerja (K3) untuk meningkatkan kesadaran, persepsi, dan partisipasi pekerja terhadap K3. Implementasi *BBS* di perusahaan akan meningkatkan performansi K3, mengurangi kehilangan hari kerja, serta fatalitas sebagai dampak dari kecelakaan kerja. Berdasarkan data statistik kecelakaan kerja di PT Mega Andalan Kalasan, angka kecelakaan kerja cenderung naik setiap tahun. Kecelakaan kerja yang terjadi seperti mata terkena percikan api gerinda, jari putus, jari terjepit, kecelakaan lalu lintas dan lain sebagainya.

Tujuan: Untuk mengetahui hubungan kecerdasan emosional dan kecerdasan spiritual pekerja dengan *Behavior-Based Safety* di Unit Produksi PT. Mega Andalan Kalasan Kabupaten Sleman.

Metode Penelitian: Jenis penelitian ini adalah kuantitatif, metode *observational analitic* dengan menggunakan desain c*ross sectional* untuk mencari hubungan antara variabel bebas dengan variabel terikat. Subjek penelitian adalah pekerja di Unit Produksi dengan total sampel yaitu 150 orang. Kuat hubungan digambarkan dengan nilai *Odds Ratio* yang diperoleh melalui analisis bivariat dan multivariat dengan uji regresi logistik sedangkan uji *chi square* digunakan untuk uji signifikansi. Keseluruhan uji menggunakan *Confidence Interval* 95% dan tingkat kemaknaan p 0,05.

Hasil: berdasarkan data yang dianalisis, kecerdasan emosional pekerja dengan *BBS* p = 0,000 (p<0,05) dan *Odds Ratio* = 4,44. Kecerdasan spiritual pekerja dengan *BBS* p = 0,000 (p<0,05) dan *Odds Ratio* = 5,39. Kecerdasan emosional pekerja dengan kecerdasan spiritual pekerja p = 0,000 (p<0,05) dan *Odds ratio* 5,85. Analisis multivariat dengan uji regresi logistik menunjukkan bahwa kecerdasan emosional dan kecerdasan spiritual pekerja berhubungan secara signifikan dengan *Behavior-Based Safety,* dengan p 0,007, OR 2,8 (CI 95% 1,32-6,06) dan p 0,000, dan OR 3,8 (CI 95% 1,80-8,14).

Kesimpulan: Terdapat hubungan signifikan antara kecerdasan emosional dan kecerdasan spiritual pekerja dengan *Behavior-Based Safety* di Unit Produksi PT Mega Andalan Kalasan. Tidak terdapat hubungan antara masa kerja dan usia dengan *Behavior-Based Safety* Unit Produksi PT Mega Andalan Kalasan.

Kata Kunci: *Behavior-Based Safety*, kecerdasan emosional, kecerdasan spiritual

ABSTRACT

Background: *Behavior-Based Safety (BBS) is one of approaches in Occupational Safety and Health (OSH) to raise safety awareness, perceptions and participation of workers. The implementation of BBS in a company will improve safety performance; reduce lost workdays, as well as fatality as a result of occupational accidents. Based on statistical work-related to accident data of PT Mega Andalan Kalasan, a number of accidents are likely to rise every year. The types of occupational accidents that occur such as grinding sparks in eyes, severed fingers, pinched fingers, road-traffic crashes, and so on.*

Objective: *This study explores the association between emotional intelligence and spiritual intelligence of workers with Behavior-Based Safety in the Production Unit of PT. Mega Andalan Kalasan of Sleman, Yogyakarta.*

Research Method: *A quantitative approach was employed to gather the data for the study, utilizing a cross-sectional survey design. The sample (n = 150) consisted of operators in the unit of production. Bivariate was undertaken to determine a strong association by noticing Odds Ratio and multivariate was conducted using logistic regression while chi-square was used to test its significance. Overall test using a 95% Confidence Interval and a significance level of 0.05.*

Result: *From the analysis conducted, emotional intelligence of workers with BBS, p = 0.000 (p<0.05) and Odds Ratio = 4.44. Next, spiritual intelligence of workers with BBS, p = 0.000 (p<0.05) and Odds Ratio = 5.39. Then, emotional with spiritual intelligence of workers, p = 0.000 (p<0.05) and Odds Ratio = 5.85. Multivariate analysis using logistic regression test reveals a significant association between emotional and spiritual intelligence of workers with BBS, p = 0.007, OR = 2.8 (95% CI 1.32-6.06) and p = 0.000, and OR = 3.8 (95 % CI 1.80-8.14).*

Conclusion: *There are significant associations between emotional intelligence and spiritual intelligence of workers with Behavior-Based Safety in the Production Unit of PT Mega Andalan Kalasan of Sleman, Yogyakarta. There are no associations between job tenure and age with Behavior-Based Safety in the Production Unit of PT Mega Andalan Kalasan of Sleman, Yogyakarta.*

Key word: Behavior-Based Safety, emotional intelligence, spiritual intelligence