

IMPLEMENTATION OF OCCUPATIONAL SAFETY AND HEALTH (OSH) BATCHING PLANT IN PT DUMAI JAYA BETON

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Abstract

Occupational Safety and Health (OSH) is a program developed by workers and employers to prevent accidents and occupational diseases by identifying potential hazards and taking anticipatory actions. This study evaluates the implementation of OSH at the batching plant of PT Dumai Jaya Beton and examines whether there are significant differences in its implementation across various aspects, such as Training and Use of Personal Protective Equipment (PPE), Supervision and Maintenance of Equipment, and Operating and Safety Procedures. Data were collected through surveys conducted among employees and workers. The results indicated that overall OSH implementation was categorized as good, with compliance rates ranging from 71% to 88%. ANOVA tests revealed no significant differences in OSH implementation across different aspects, suggesting that safety standards were consistently applied throughout the work areas. However, certain aspects, such as the use of safe transfer lines and routine tool maintenance, still need improvement. Therefore, it is recommended that the company optimize training programs, enhance supervision and tool maintenance, and update operating and safety procedures to create a safer and more efficient working environment.

Keywords: ANOVA test, batching plant, equipment supervision, Occupational Safety and Health (OSH), PT Dumai Jaya Beton..