

Paweena Kaweevijthummakul 2010: Factors Affecting on Construction Safety Culture.
Master of Science (Industrial Psychology), Major Field: Industrial Psychology,
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The objectives of this research were to study: 1) the level of safety leadership, risk perception and safety culture of construction workers; 2) the relationship between safety leadership, risk perception and safety culture of construction workers; 3) predictors of safety culture of construction workers by the dimensions of safety leadership (safety coaching, safety caring and safety controlling) and risk perception (perceived susceptibility, perceived severity and perceived benefits and barriers). Research subjects were 169 workers in a construction contractor company in Bangkok. The data were collected as a part of a personal data, safety leadership, risk perception and safety culture questionnaires. Using statistical package in data analysis and set the statistically significant at the 95% level.

The results showed that: 1) construction workers perceived high level of safety leadership and perceived moderate level of risk perception and perceived high level of safety culture; 2) safety leadership had significantly positive relationship with safety culture and risk perception had significant positive relationships with safety culture; 3) safety caring, safety controlling and perceived susceptibility could significantly predict 35.1% of safety culture. Safety controlling: dimension of safety leadership was the best predictor.

Student's signature

Thesis Advisor's signature