

Management of Designed Safety Adherence Model for the Nigerian Work Environment

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KEYWORDS Management. Environmental. Model. Safety

ABSTRACT Studies on management of the designed safety adherence model in Nigerian workplace environment revealed that there is an inter-relationship between adherence to safety rules and regulations and good work environment which invariably affect performance positively. Steps taken to develop the model putting into consideration the variables of safety environment and activities that will help achieve adherence were brought to the fore. The study population was two hundred and twenty-four (224) manufacturing firms in the south-east zone of Nigeria. From this, a sample size of one hundred and eleven (111) firms was drawn, using the Taro Yamane Formula for random sampling. The five points scale Likert questionnaire was the primary data collection instrument. The secondary data was obtained from the review of relevant literatures on the subject matter. Effective numbers of respondents for the study in each of the firms were twelve (12). Questionnaires were administered on the top management, middle and lower management staff of each of the sampled firm. The research design adopted was the descriptive survey research using averages, percentages and the Z-test statistics, for one tailed test, with a level of significance $\alpha = 0.05$ and Z (critical value) of 1.645. Findings reveal that investment in safety and environmental programmes is a sound business strategy, for any organization regardless of size, and will lead to a positive impact on the financial bottom line.