

**ERGONOMICS:
A STUDY ON PHYSICAL ERGONOMICS RELATED
TO JOB PERFORMANCE AT PETRONAS
CHEMICALS MTBE SDN.. BHD, KUANTAN**

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ABSTRACT

The research entitled “Ergonomics: A Study on Physical Ergonomics Related to Job Performance of Employees at Petronas Chemicals MTBE Sdn. Bhd.”. The study had two objectives highlighted which are to investigate the relationship between physical ergonomics and employees’ job performance at PETRONAS Chemicals MTBE Sdn. Bhd., Kuantan. The scope of the study was focused on employees at Petronas Chemicals MTBE Sdn. Bhd. who spent most of their time in the workstation and 40 respondents were selected for the data collection process.

The study consists of Chapter 1: Introduction, Chapter 2: Literature Review, Chapter 3: Methodology, Chapter 4: Results/Findings of Study and Chapter 5: Conclusion and Recommendation. Each of the sub-topics has been discussed extensively in each of chapter. The researcher used correlation research as the research design and the sampling technique used was the probability sampling that emphasized on the stratified random sampling technique. The researcher has analyzed the independent (physical ergonomics) and dependent (job performance). The data analysis techniques are frequency distribution and correlations testing. Reliability test also was conducted due to measure the reliability of the questionnaire. This study aims to identify about their daily usage of physical ergonomics in order to know the relationship with the level of job performance. From the findings, a recommendation has been made to the organization and also for future research purpose.

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TABLE OF CONTENT

ABSTRACT	iii
ACKNOWLEDGEMENT.....	iiiv
TABLE OF CONTENT	v
LIST OF TABLE.....	viii
LIST OF FIGURE	ix
CHAPTER 1	
INTRODUCTION	1
Background of the Study	1
Statement of the problem.....	3
Research Objectives	4
Research Hypothesis.....	4
Scope of the Study.....	4
Significance of the Study.....	5
Limitations of Study	5
Definition of Terms	6
CHAPTER 2	
LITERATURE REVIEW	7
Ergonomics.....	7
Physical Ergonomics	11
Workstation	13
Working Environment.....	14
Furniture	14
Equipment.....	15
Job Performance	15
Job Productivity.....	16
Job Satisfaction.....	17

Relationship between Physical Ergonomics and Job Performance	17
Theoretical Framework.....	18
Conclusion.....	18
CHAPTER 3	
METHODOLOGY	19
Research Design	19
Data Collection.....	20
Primary Data.....	20
Data Collection Procedures	20
Sampling Frame.....	21
Population.....	21
Sampling Technique	21
Sample Size	22
Unit of Analysis.....	23
Research Instrument	23
Recode of the Data	24
Data Analysis.....	24
Conclusion.....	24
CHAPTER 4	
FINDINGS OF STUDY	25
Reliability Test	26
Demographic Profile of Respondents	29
Correlation Analysis.....	33
Hypothesis Result.....	40
Conclusion.....	41
CHAPTER 5	
CONCLUSIONS AND RECOMMENDATIONS	42
Conclusions	42
Recommendations	45
REFERENCES	47