

INDUSTRIAL ACCIDENTS

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PRESENTED BY

HASSAN BIN ALIAS

AND

NIK ABDUL HALEEM IZZUDEEN BIN NIK IBRAHIM

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MAY ALLAH BLESS ALL OF US

HASSAN BIN ALIAS

NIK ABDUL HALEEM IZZUDEEN

BIN NIK IBRAHIM

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PREFACE

The students have been given the opportunity to undertake the project " Industrial Accidents ". The project has been an advantageous and desirous experience for all students as it gives them insights of the actual day-to-day working conditions in industries.

The scope of this project is rather wide and it covers almost the entire aspects of accidents analysis on several industries in Malaysia. The survey conducted through questionnaires, the students focus on the Manufacturing sector in Klang Valley area. This is because this type of industry seems to increase rapidly in volume and the Klang Valley area has the highest concentrated industries in the country.

This project has improved and widened our knowledge in practical engineering applications and thus, will benefits us in our career.

The project report is divided into seven chapters :

1. Statistical data on accidents
2. Survey on Safety and Health at Workplaces
3. Accidents Analysis
4. Elements on Accidents
5. Preventing Accidents
6. Legislation
7. Conclusion

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CONTENT

Acknowledgement	iii
Preface	iv
INTRODUCTION	2
Objectives	3
Scope	3
Research Methodology	4
Research Problems Encountered	4
CHAPTER 1	
1.0 Statistics on Industrial Accidents	9
1.1 Data statistics and sources	9
CHAPTER 2	
2.0 Response from questionnaire	19
2.1 Personal and Employment Background	19
2.2 Background of Company	21
2.3 Organisational Aspects	22
2.4 Medical facilities	25
2.5 Accident Prevention	26
2.6 Training	28
2.7 Safety Committee	28
2.8 Inspection and Legislation	30
CHAPTER 3	
3.0 Accidents Analysis	33
3.1 Evaluating Safety Performances	33
3.2 Management on Safety and Production Quality	36
3.3 Losses Due to Industrial Accidents	40

INDUSTRIAL ACCIDENT

INTRODUCTION

Industrial accident is a major problem faced by the top industrial managements. Studies indicate that safe plants are efficient plants, and to a large extent, safety promotes productivity. Managements even have begun to realize that the safety of employees while off the job is also important to an enterprise. Notice how many of the indirect costs may be incurred as a result of nonworking accidents. Inefficiencies resulting from temporary replacements and lowered effectiveness of the workers after the accident do not depend on where or when an injury is suffered. Even where employees were not paid for the days absent from the job due to illness, absenteeism can cost the firm considerable sum of money.

In lieu of the rapid growth of industries in the world today, the number of industrial accidents has also increased. Series of major accidents have been reported. The most notable one was the accidental release of methyl isocyanate gas in a pesticide factory in India in 1984, resulted in more than 2000 people killed and about 2 millions people injured. The explosion of a fireworks' factory in Sungei Buloh, Selangor, on Mei 7th killed 26 workers is a black mark in the nation's efforts towards promoting workers' safety and health.

In the rush to improve our economy through industrialisation process, we should not neglect one of the very important aspect i.e. accidents involving factory workers at their workplaces. In our country, there is hardly any research conducted on industrial accidents. The question of who should take care the responsibility of preventing industrial accident, either the management or the workers, had not been determined.