

# A STUDY ON THE IMPROVEMENT ALTERNATIVES OF KOREAN INDUSTRIAL SAFETY MANAGEMENT

## 産業安全管理의 改善方案에 關한 研究

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생산위주의 개발도상국 진입으로 산업재해가 크게 증가하는 추세에 있음은 중대한 문제로 되고있다.

산업안전관리는 기술적으로 잘하면 최대 98%까지 예방가능한 분야이다. 안전사고의 원인을 인적 근로자적 측면, 물적, 경영자적 측면에서 분석하고 이를 조화 또는 통제하는 요인으로 관리적, 행정적 요인을 분석하였다.

개선방안은 산업의 고도화, 다양화에 따른 신기술부족, 안전지식 및 교육부족, 그리고 중소기업의 산업안전 보건시설 개선의 미흡등, 이들 직접 원인에 대한 통제 및 조화 수단으로서 법체제, 행정조직을 강화하고 산업안전관리를 민간주도로 추진해나갈 연구 및 예방기관의 육성이 되어야 한다.

### I. Introduction

In the course of industrialization, every country faces the accident prevention problem. my country, Korea, also faces the high frequency and severity rate of industrial accident now. There were not any synthetic plans for industrial accident

prevention in Korea so far. Korea has been mainly interested in industrial accident compensation insurance. But what is important consists in accident prevent not in industrial accident compensation insurance. Therefore the purpose of this thesis is to extract and analyze problems of Korean industrial safety management, and to present some improvement alternatives of such problems.

## **II. General View on Safety Management**

1. Industrial safety is defined as an integrated program, directed to prevent the industrial injury and accident in advance, directly based on the control of unsafe personal performance and unsafe mechanical conditions.
2. The importances of safety management may be boiled down as follows.
  - 1) to protect laborers' life in view point of humanitarian thought.
  - 2) To prevent employer's economic loss.
  - 3) To motivate in improving the labourers' morale and in progressing the productivity.
  - 4) To contribute to make the establishment's image good.
3. The industrial accidents causes may be classified as three categories, namely.
  - 1) Causes in personal or labourer's aspect.
  - 2) Causes in material or employer's aspect.
  - 3) Causes in institutional or administrative aspect

## **III. The Status-quo and Problems of Korean Industrial Safety Management**

1. The trend of **Korean** industrial accidents is increasing in the course of years. In 1978, Total number of industrial accidents reached 138,102 Which resulted

in 1,397 fatal persons, 13,013 disable labourers, 124,823 injuries covered more than eight working days loss and 152,092,604 Korean won economic loss. The number of industrial accidents has been higher or a little less than the precedent year according to the social or economic conditions.

Therefore the number of industrial accident will be more higher than now if the concrete industrial accident prevention plan is not established.

2. In this thesis, the problems of Korea's industrial safety management were described according to the accident cause classification.
3. In personal or labourer's aspect problems are the employment of young and unskilled workers, the unsafe performance and unpeaceful psychological conditions of workers comparing to developed countries.
4. In material or employer's aspect, working environment is not satisfactory and employer's recognition of the importance of industrial safety poor. Dangerous machine guarding is not completely established, too.

One of the main reasons why above unsafe physical or mechanical conditions occur is due to the fund shortage of small or medium-sized enterprises.

5. In institutional or administrative aspect, people's interest poverty in industrial safety, unestablished safety law system, unsatisfactory private and public safety service organizations, and the stort age of safety service men in public administration are problems.

#### **IV. Prospect and Improvement Alternatives of Korea's Industrial Safety Management**

1. In the future Korea's industrial sturture will be more complicate.

As the result of above condition, hazardous materials and machines will be used more than now in enterprises. And women, minor workers, disable workers will be much employed in industry. Therefore industrial accidents will be more severer and occur frequently. Industrial accident prevention problem will be urgent and serious problem.

2. As described before, improvement alternatives of Korea's industrial safety management problems explained in the order of accident cause classification, too.
3. In personal or labourer's aspect, safety education will be executed and strengthen systematically.
4. In material or employer's aspect the fund for improvement or replacement of hazardous machine and working environment will be lended to the small or medium-sized enterprises by the authority concerned.

The fund may come from the industrial accident compensation insurance special account which has been dealed in the Administration of Labour Affairs.

5. In institutional or administrative aspect all people must take interest in safety in their every life. The independent industrial safety and health act must be enacted. Private and public organization for industrial safety will be strengthened and expanded. Civil service men engaged in industrial safety will be more employed, too.

## V. Conclusion

In this chapter I summarized this thesis and presented conclusion.

Korea's safety management problem is very serious one.

I found that the reason why Korea's safety management is not good is due to labourer's unsafe work performance, mechanical and physical unsafe condition, and institutional or administrative unsatisfaction.

Now, we must improve industrial safety management condition in order to preserve the skilled labourers, to prevent economic loss and to contribute to the progress of our nation.

