

# CHAPTER I

## INTRODUCTION

### 1.1 Background

In this era of globalization, it isn't surprising to see that almost every country over the globe is trying their best to create a better environment for their people. It creates activities and work-fields for construction projects, such as building structures with magnificent architecture, opening up the wildland to create public parks, building bridges to connect between places and regions, constructing flats project, etc.

With the heaps of construction projects in the current millennial era, it isn't rare for accidents to happen at the construction site. Moreover, construction industries are said to be one of the most dangerous industries in the world. A research stated that accidents which happen in the construction industries take 25.3% of accident cases in Korea, resulting it as the most dangerous industry sector in the said country. Meanwhile, it ranks the 3<sup>rd</sup> most hazardous industry in the United States and 2<sup>nd</sup> in China. The only industry that tops the danger rate of construction industries in China is the coal-mining industries. The three countries stated before are known for their skyscrapers and artistic-looking structures, yet dangers in the construction industries are prone to happen still.

Various safety policies and preventive actions to avoid accidents and errors in this industry have been developed. One of the determinant safety factors for this industry is called Crisis Success Factor for Safety Management. Rockart wrote, *"CSFs are, for any business, the limited number of areas in which results, if they are satisfactory, will ensure successful competitive performance for the organization."* In this research, the factor from CSF that will be discussed is focused on Construction Safety Leadership in construction projects.

In order to examine more about safety leadership in construction projects, a review of state-of-the-arts about safety leadership is needed. Therefore, the writer will elaborate the elements related to safety leadership:

- What is safety leadership?
- For what purpose is the safety leadership implemented?
- How is the practice of safety leadership?
- Who plays a role in safety leadership?

These four main elements will be explained in Chapter II: Literature Review.

## **1.2 Objective and Benefit**

The objective of this research is to assess the implementation of safety leadership in construction projects.

The benefit of this research is to elaborate on the role of leadership factor toward safety acts which can be implemented in the construction industries so that it may minimize accidents and errors.

## **1.3 Scope of Research**

In order to maintain the focus of this research, the writer will limit the discussion of the problem as follows:

- a. To identify the state-of-the-arts of safety leadership,
- b. To identify the component elements of safety leadership,
- c. To develop an assessment tool for safety leadership measurement,
- d. To assess the practical safety leadership of the project leaders in their respective construction project, such as the General Manager and Project Manager.
- e. To analyze the value of safety leadership in construction projects.