



## **Chapter XIV**

# **M. P. Wang**

## **China Steel**

My name is **M. P. Wang**. I am currently the general manager of the Information Systems Department at China Steel.

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### **Personal History**

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I was born and grew up in Tainan City. Except for my university studies, I have lived in Tainan City all my life. I attended elementary, junior, and high schools in Tainan City. In 1969, I went to Taipei City to attend National Taiwan University. My major was computer science.

When I graduated from university, I served 2 years military service. Then, in 1975, I started working for China Steel and I have worked here all of my working life. Initially, I was an electrical engineer. I was promoted to section manager of our iron making electrical section in the electrical and instrumentation department. Then, I was the assistant general manager of the electrical and instrumentation department. My most recent previous position was as the general manager of our public affairs department.

At China Steel, I have been involved in four expansion projects. In all cases, the projects have been completed on time and within budget.

As the assistant general manager of Y6, the electrical and instrumentation department, I was also responsible for process control computers. I led the department to obtain ISO9001 certification. We were able to accomplish this task very quickly, completing it in just 1 year.

I was then appointed general manager of our Public Affairs Department. In discussing this appointment with the president, I expressed my reservations because of my background and experience. I did tell him, however, that I was very enthusiastic about the appointment. He told me that was good enough for him to appoint me to the position. We have an old saying, "the event broke all the glasses of the experts." What was even more exciting was that in 2000 the ruling party in Taiwan changed. At that time I assisted the newly assigned Chairman of the Board to communicate with the media. I helped him to speak with the media and to conduct TV interviews.

Between July 2000 and May 2004, I was assigned as assistant vice president at Kaohsiung Rapid Transit Corporation (KRTC), a subsidiary company of China Steel responsible for the Kaohsiung subway project. My duties were to supervise the contracting of all the electrical and mechanical systems for the KRTC project. During this time, I supervised the completion of the basic design for all systems. More importantly, I was able to work with the qualified suppliers and generate a 15% savings from budget.

## Company History

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China Steel is a large integrated steel mill. The company was formed about 30 years ago, on December 3, 1971. At that time, the company adopted the state of the art 100% continuous casting production process which was subsequently computerized. This approach allowed China Steel to gain international competitiveness. We have a 50% market share in the Taiwan steel industry.

Our company Web page outlines our manufacturing processes as follows:

- **Raw material preparation:** Coal, iron ore, and limestone are unloaded to the storage yard first. Coal is then transferred to the coke oven plants to be produced into coke; iron ore and limestone are transferred to the sinter plants to be produced into sinter.
- **Iron making:** Iron ore, sinter, coke, together with flux are fed into the blast furnaces and they are ignited to produce molten hot metal and slag. Hot metal is then transferred to the basic oxygen furnaces by railway torpedo car.
- **Steelmaking:** Hot metal and steel scrap are charged into the basic oxygen furnaces to be produced into liquid steel which is mostly transported to the

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