

Learn with Manga

Safety Management Handbook for Training Young Engineers



EAST JAPAN CONSTRUCTION SURETY CO., LTD.

Introduction

There is currently an urgent need to hire and train new workers in the construction industry to ensure there will be enough workers in the future. Many companies especially find it a challenge to train workers after they are hired, which is a key to improving the retention of young new workers.

Because of this situation, we published “Learn with Manga—Safety Management Handbook for Training Young Engineers” with the intention of helping to train young engineers, which has been well received. We have also decided to publish an English version to help engineers from overseas, who are expected to play an important role in the future.

Statistics from the Ministry of Health, Labour and Welfare indicate that in 2023, there was a total of 135,371 injuries and fatalities due to industrial accidents across all industries, and just over 10% of these (14,414) were in the construction industry (Status of Industrial Accidents in 2023).

Accidents in the workplace not only endanger the precious lives of employees, they have a significant impact on their families, related people, and ultimately, on company management.

It is not possible to gain safety management know-how overnight. It is essential for everyone—from the prime contractor to each employee at partner companies—to raise and share awareness of safety management at construction worksites.

This booklet uses manga to show in a simple way why safety management is important, how to respond when an accident occurs at a worksite, measures that need to be taken by the principal employer, and specific ways to prevent accidents, while also referencing related laws and regulations such as the Industrial Safety and Health Act.

It is our desire that this booklet will also prove useful in the training of engineers from overseas.

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Chapter 1

What Is Safety Management?

1. Why Safety Management Is Needed
2. Industrial Accidents







