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KS GROUP

CASE STUDY

SMELTING PLANT TRAINING CENTER

OVERHEAD HORIZONTAL LIFELINE FOR TRAINING CENTER

AFF4000 IMPAXX HORIZONTAL LIFELINE SYSTEM



Client : Smelting Plant in the Philippines

Industry : Steel Mill

Project name : Installation of Overhead Horizontal Lifeline for Training Center

Products used : KStrong AFF4000 IMPAXX Horizontal Lifeline System on Overhead Application

Background

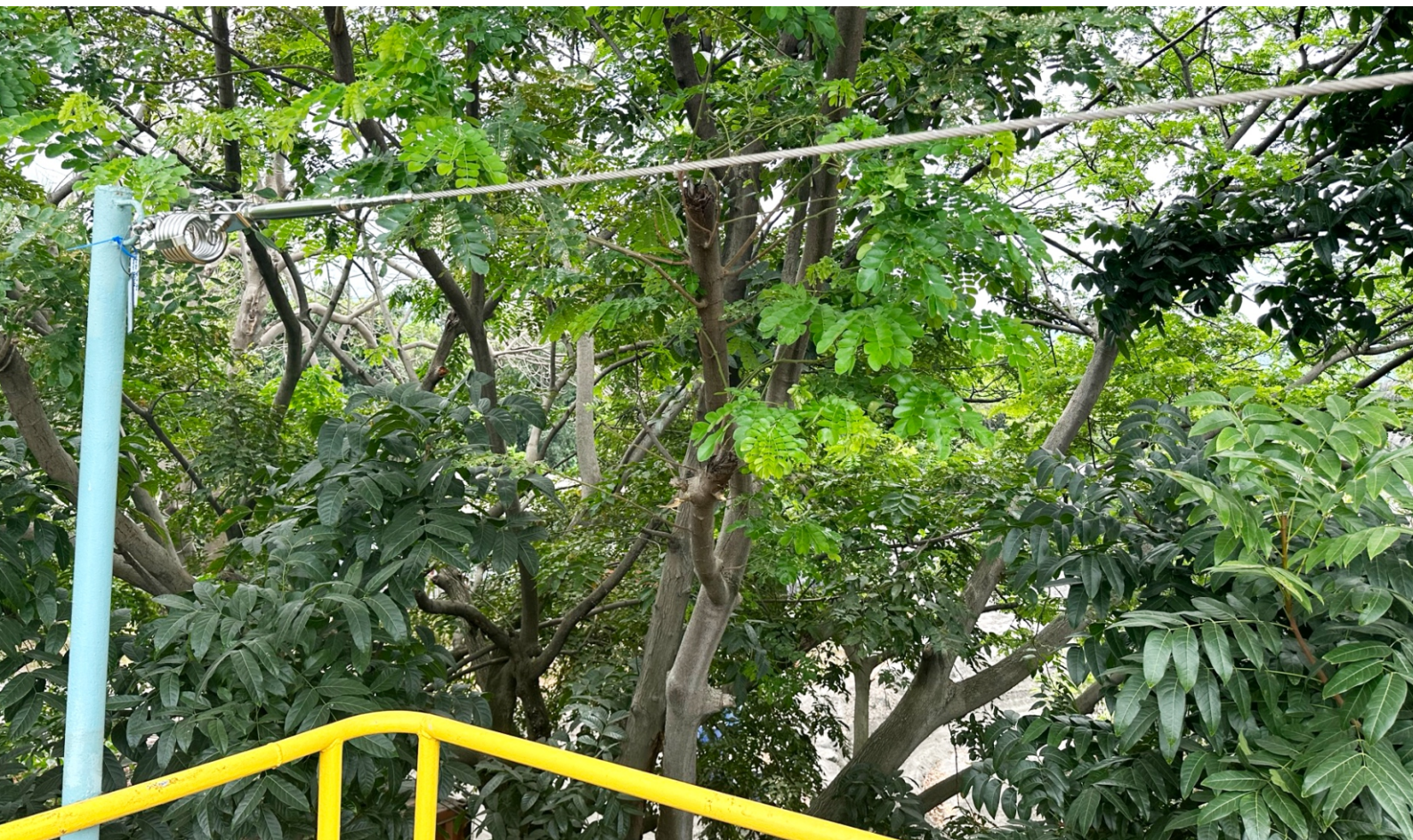
A major smelting plant in the Philippines has long recognized the importance of fall protection, having installed multiple lifeline systems across its production areas. To strengthen its safety culture and ensure consistent competency among its workforce, the company developed a dedicated training center within the facility.

The training center is designed to provide hands-on instruction to both employees and contractors on safe work-at-height practices. To achieve this, the plant required a certified overhead lifeline system identical to those already deployed in its production environment, ensuring realistic and effective training.

Requirement

The client required an **overhead lifeline system** for its training center with the following objectives:

- Certified system that mirrors the lifelines used inside the main plant
- Safe, controlled training environment for personnel and contractors
- Multi-user capacity to allow group training sessions
- Durable and reliable system suitable for repetitive use during training exercises
- Full compliance with international and local safety standards



KStrong Solution

KStrong provided its **AFF4000 IMPAXX Horizontal Lifeline System**, engineered for overhead applications and tailored to the client's training requirements.

- **Overhead application:** Installed at the training center to replicate the lifeline systems used within the smelting plant's production areas, ensuring consistency between training and real-world use.
- **Multi-user functionality:** Designed to support multiple trainees simultaneously, enabling efficient group training sessions.
- **Durability:** Constructed with energy-absorbing, corrosion-resistant materials to withstand frequent use and the rigors of a training environment.
- **Regulatory compliance:** Fully certified to EN 795 and OSHA standards, meeting both international and Philippine safety requirements.
- **Training alignment:** Provides the plant's safety trainers with a certified platform to conduct hands-on fall protection exercises, ensuring personnel and contractors are properly equipped to work at height.

About KStrong

The founders of KStrong have been successfully manufacturing personal protective equipment globally for over 25 years. With the support of a large team of highly experienced research and product development specialists along with global manufacturing facilities, KStrong is poised to become the preeminent brand of choice for personal protective safety products. KStrong takes pride in assuring careful measures to ensure all products meet applicable government codes and professional standards, such as EN, AS/NZS and ANSI. We look forward to helping your company protect its most valued possession, its workers!





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KStrong Asia Pacific

Contact E-mail : customercare@kstrongasia.com

www.kstrong.com/asia

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