

# **Lesson Learnt from Accident and Incident –**

**Use of Builder's Lift and**

**Dismantling of Material Hoist**

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## **Lesson Learnt from Accident and Incident**

### **Use of Builder's Lift**

## Use of Builder's Lift

- An accident happened on a project site at Sau Mau Ping.
- The Injured Person (I/P) claimed for pre-inspection and preparation for the dismantling of the builder's lift.

# Use of Builder's Lift

- The scene of the accident

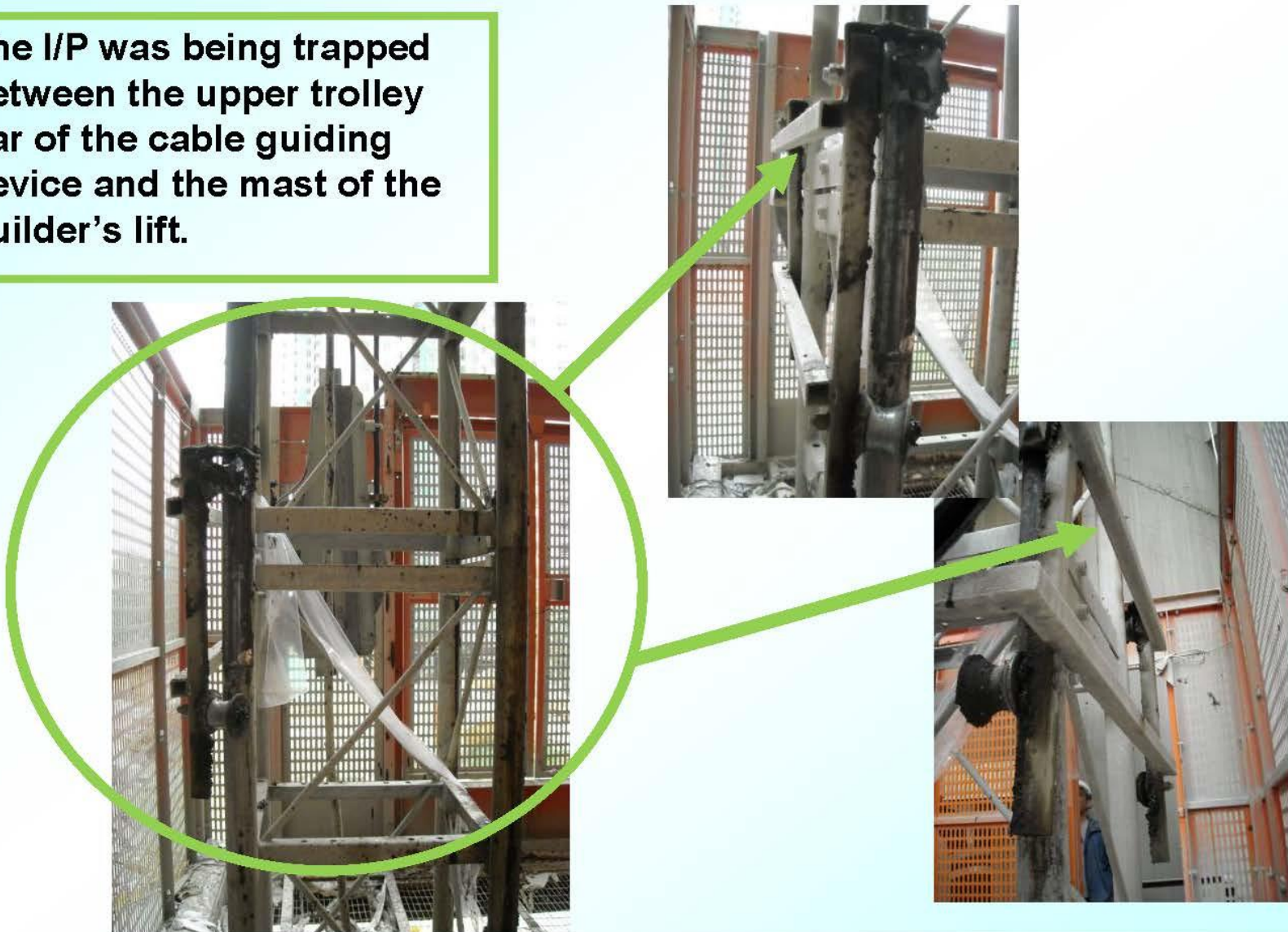
Position of the I/P at about 6/F level





# Use of Builder's Lift

The I/P was being trapped between the upper trolley bar of the cable guiding device and the mast of the builder's lift.



# Use of Builder's Lift

- **Causes of the accident**
  - The I/P climbed over the safety railing and went outside the roof platform of the cage.
  - Miscommunication between the builder's lift operator and the I/P.

# Use of Builder's Lift

- **Lesson learnt**
  - Establish and maintain effective communication between the builder's lift operator and the worker engaged in dismantling the builder lift.
  - There should be an appointed person in charge of handover activities such as using and dismantling of builder's lift - handover the operating key for the lift.



# Use of Builder's Lift

- **Lesson learnt**
  - “Hearts and Minds” workshop for all project managers, site agents, general foremen, and other related personnel.

**Lesson Learnt from Accident and Incident**

**Dismantling of Material Hoist**

# Dismantling of Material Hoist

- Near miss incident happened on a project site at Tseung Kwan O.
- A 3-metre steel U-channel which was tied between the mast of material hoist and floor slab of 26/F fell down to ground level.

# Dismantling of Material Hoist

- **The scene of the accident**



The steel U-channel fell and hit on a concrete slab within the barricaded area



# Dismantling of Material Hoist

- **Cause of the incident**
  - The fall of the steel U-channel was due to the crack of weld at the joint of the horizontal and vertical channels.



# Dismantling of Material Hoist

- **Lesson learnt**
  - All the horizontal and vertical U-channels must be tied up independently to prevent accidental fall before dismantling.



# Dismantling of Material Hoist

- **Lesson learnt**
  - Nylon mesh enclosing the material hoist can only be lowered down after its upper mast has been dismantled.



**Thank you**