



BOUNDING BOX TRAINING TEST

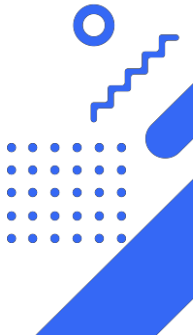
SAFETY EQUIPMENT PROJECT

PURPOSE OF PROJECT

- To ensure factory workers are wearing their Personal Protective Equipment (PPE).

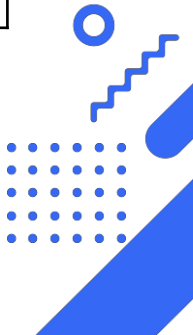


| Main Category | Subcategory | Description |
|---------------|--|---|
| PERSON | Box boundaries are from the top of the HEAD to the sole of the FEET. | |
| HEAD | Head | Box boundaries are from the top of the head to the bottom jaw. |
| | Safety Helmet | Box boundaries are from the top of the helmet to the bottom jaw. |
| | Safety Helmet + Ear-protector | Box boundaries are from the top of the helmet to the end of the end of the ear protector . |
| CHEST | Chest | Box boundaries are from the from the top of the working blue sleeves clothes to the last part around the waist. Except for long sleeves. |
| | Safety Vest | Box boundaries are from the from the top of the orange fluorescent clothes to the last part around the waist. |
| | Harness | Box boundaries are from the from the top of the neon green harness equipment to the last part around the waist. |
| | Safety Vest + Harness | Boundaries of the box should include every part of the harness and the vest. |



Categories

| | | |
|--------|-------------------------------|--|
| HAND | Hand | Box boundaries are from the bare fingertips to the wrist |
| | Gloves | Box boundaries should include every part of the glove that can be identified by colour |
| FOOT | Shoe | Box boundaries should include every light brown area of the footwear. They are short in size |
| | Safety Boot | Box boundaries should include every dark brown area of the footwear. Very long |
| LADDER | Every ladder you see in image | |



PERSON

- Box boundaries are from the top of the HEAD to the sole of the FEET.
- Label human from head to toe.
- Label all the humans in the image with or without a PPE

Label object



Choose category:
Person

rect number

Category

PERSON



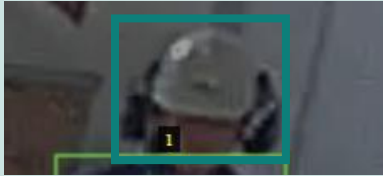
HEAD


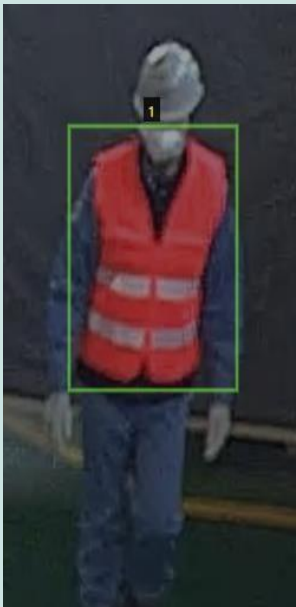


CHEST

HAND

FOOT

LADDER

| Head | Safety Helmet | Safety Helmet + Ear Protector |
|---|---|--|
|  <div data-bbox="545 404 873 801"> <p>rect number</p> <p>Category</p> <p>HEAD</p> <p>SELECTION</p> <p>Head</p> <p>Safety Helmet</p> <p>Safety Helmet + Ear Protector</p> </div> |  <div data-bbox="1365 404 1668 781"> <p>rect number</p> <p>Category</p> <p>HEAD</p> <p>SELECTION</p> <p>Head</p> <p>Safety Helmet</p> <p>Safety Helmet + Ear Protector</p> </div> |  <div data-bbox="2122 404 2451 791"> <p>rect number</p> <p>Category</p> <p>HEAD</p> <p>SELECTION</p> <p>Head</p> <p>Safety Helmet</p> <p>Safety Helmet + Ear Protector</p> </div> |
| Box boundaries are from the top of the head to the bottom jaw . | Box boundaries are from the top of the helmet to the bottom jaw . | Box boundaries are from the top of the helmet to the end of the ear protector . |

| Chest | Safety Vest | Harness | Vest + Harness |
|--|--|--|--|
| <div></div> <div><div>rect number</div><div>Category</div><div>CHEST</div><div>SELECTION</div><div></div><div>Chest</div><div>Safety Vest</div><div>Harness</div><div>Safety Vest + Harness</div></div> | <div></div> <div><div>rect number</div><div>Category</div><div>CHEST</div><div>SELECTION</div><div></div><div>Chest</div><div>Safety Vest</div><div>Harness</div><div>Safety Vest + Harness</div></div> | <div></div> <div><div>rect number</div><div>Category</div><div>CHEST</div><div>SELECTION</div><div></div><div>Chest</div><div>Safety Vest</div><div>Harness</div><div>Safety Vest + Harness</div></div> | <div></div> <div><div>rect number</div><div>Category</div><div>CHEST</div><div>SELECTION</div><div></div><div>Chest</div><div>Safety Vest</div><div>Harness</div><div>Safety Vest + Harness</div></div> |
| From the top of the working blue sleeves clothes to the last part around the waist. | From the top of the orange vest to the last part around the waist | From the top of the neon green belt to the last part around the waist | Boundaries of the box should include every part of the harness and the vest . |
| Except for long sleeves. | | | |

HAND

Hand

- From the bare fingertips to the wrist.
- Label hand on both hands separately

Label object



Choose category:
HAND > Hand

rect number

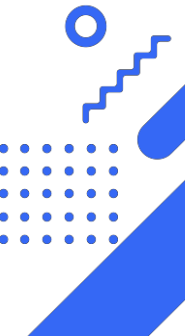
Category

HAND

Type

hand

Safety Gloves



HAND

Safety Gloves

- Every part of the glove that can be identified by color.
- Label safety gloves on both hands separately

Label object



Choose category:
HAND > Safety Gloves

rect number

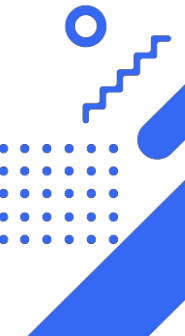
Category

HAND

Type

hand

Safety Gloves



FOOT

Shoe

- Every light brown area of the footwear.
- Label shoes on both feet separately.

Label object



Choose category:
FOOT > Shoe

rect number

Category

FOOT

Type

Shoe

Safety Boots

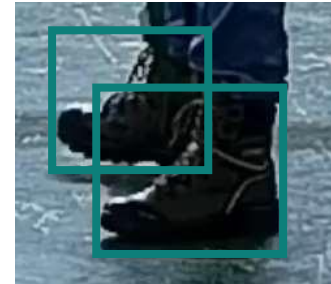


FOOT

Safety Boot

- Every dark brown area of the footwear
- Label safety shoes on both feet separately.

Label object



Choose category:
FOOT > Safety Boot

rect number

Category

FOOT
▼

Type

▼

Shoe
Safety Boots

Ladder

- Every ladder you see in image.
- Label each ladder separately.
- Whether there is a person on it or not.

Label object



Choose category:
Ladder



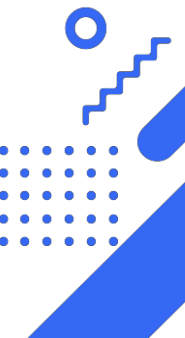
rect number

Category

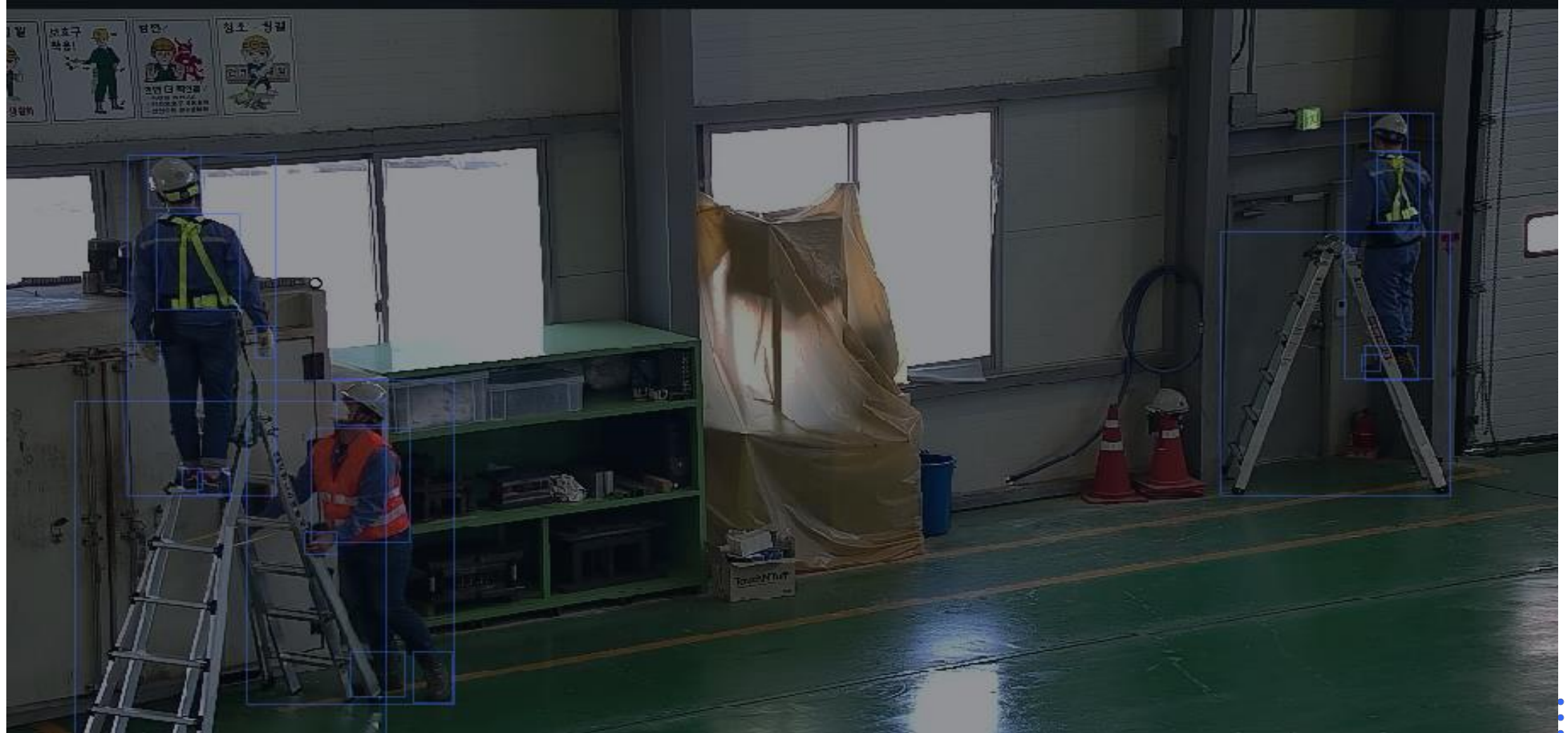
PERSON
HEAD
CHEST
HAND
FOOT
LADDER



Before

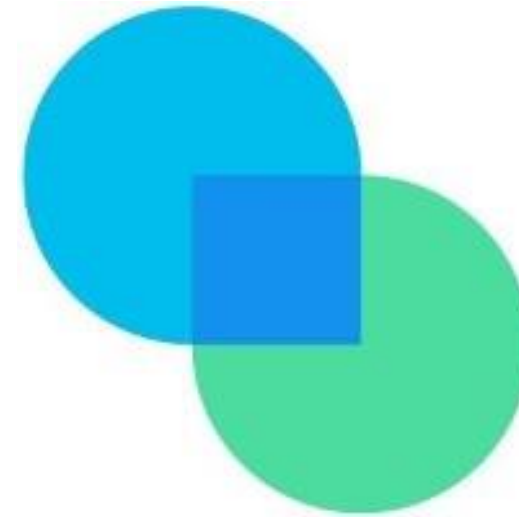


After





Preciseness



Overlapping objects





Right
example



Wrong example

**Place the bounding box just right on the edge of an object.
A bounding box smaller or bigger than the exact edge will not accepted.**





**Right
example**

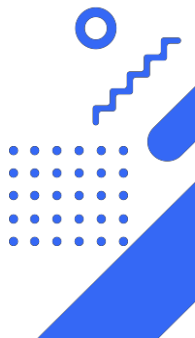


**Wrong
example**

Overlapping of objects is allowed.



1. Label **Humans** (Person) before labeling PPEs.
Recommended labeling order
PERSON → HEAD → CHEST → HAND → FOOT
2. When there are too many boxes overlapping and you can not see the original image,
use shortcut **'B' (upper case)** key to hide all boxes.
3. View the other **Shortcut** keys to make you work faster or easier.



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Snooze Options: [30 Seconds](#) | [1 Minute](#) | [5 Minutes](#) | [10 Minutes](#)

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