

# WELCOME TO TUYEN LAM



# GUIDANCE ABOUT SAFETY – HEALTH – ENVIRONMENT

By: Mr. Bui Huy Vinh

Email: [bui-huy.vinh@tuyenlam.com](mailto:bui-huy.vinh@tuyenlam.com)

Tel: 0918.752.724

Hotline: 0915.876.679

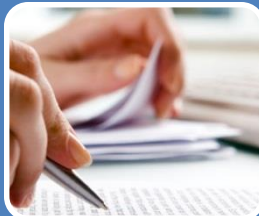
# SUMMARY



**GENERAL REGULATIONS**



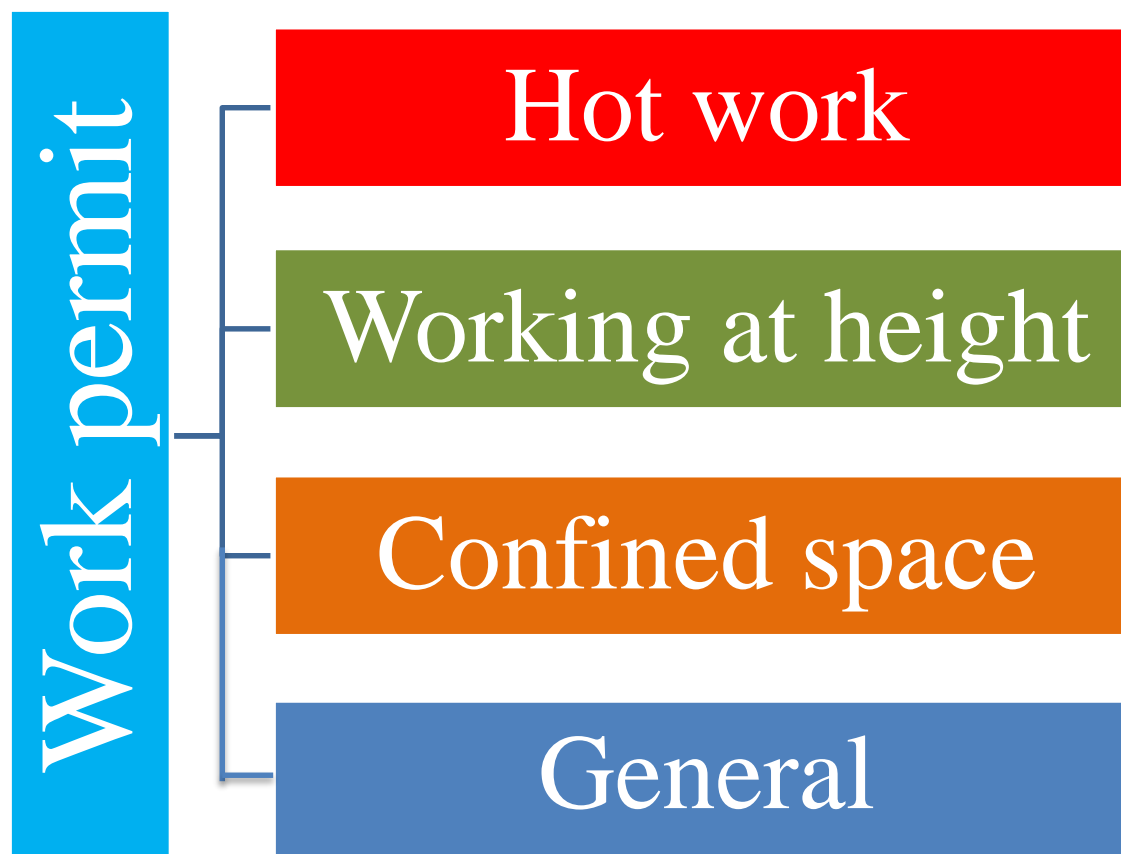
**EMERGENCY CASE**



**EXAM**

# GENERAL REGULATIONS

**Work permit** before working  
Approval by: Job Owner and Area Owner



# GENERAL REGULATIONS



1



2

**⚠ DANGER**

**Do Not Enter.  
Authorized  
Personnel Only.**

3



4



**Pedestrian  
walkway**

5

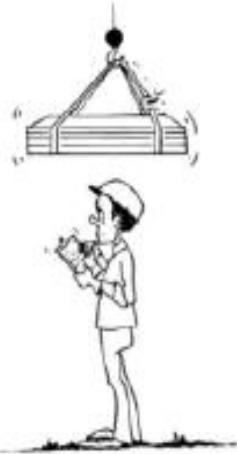


**Wear  
enough  
PPE when  
working**

6

# GENERAL REGULATIONS

7



Do not stand under  
unloading area/overhead crane

8



Hold the handrail or having a **painful trip**

9



To protect our planet by minor action

10



Don't operate when not authorized

# GENERAL REGULATIONS



# GENERAL REGULATIONS

SIEMENS

VKPC PM#2 PROJECT



TUYÊN LÂM

## TRANG BỊ BẢO HỘ LĐ



AN TOÀN TRÊN HẾT

LƯU Ý  
ATTENTION



## XÁC NHẬN THÊM MỘT LẦN NỮA

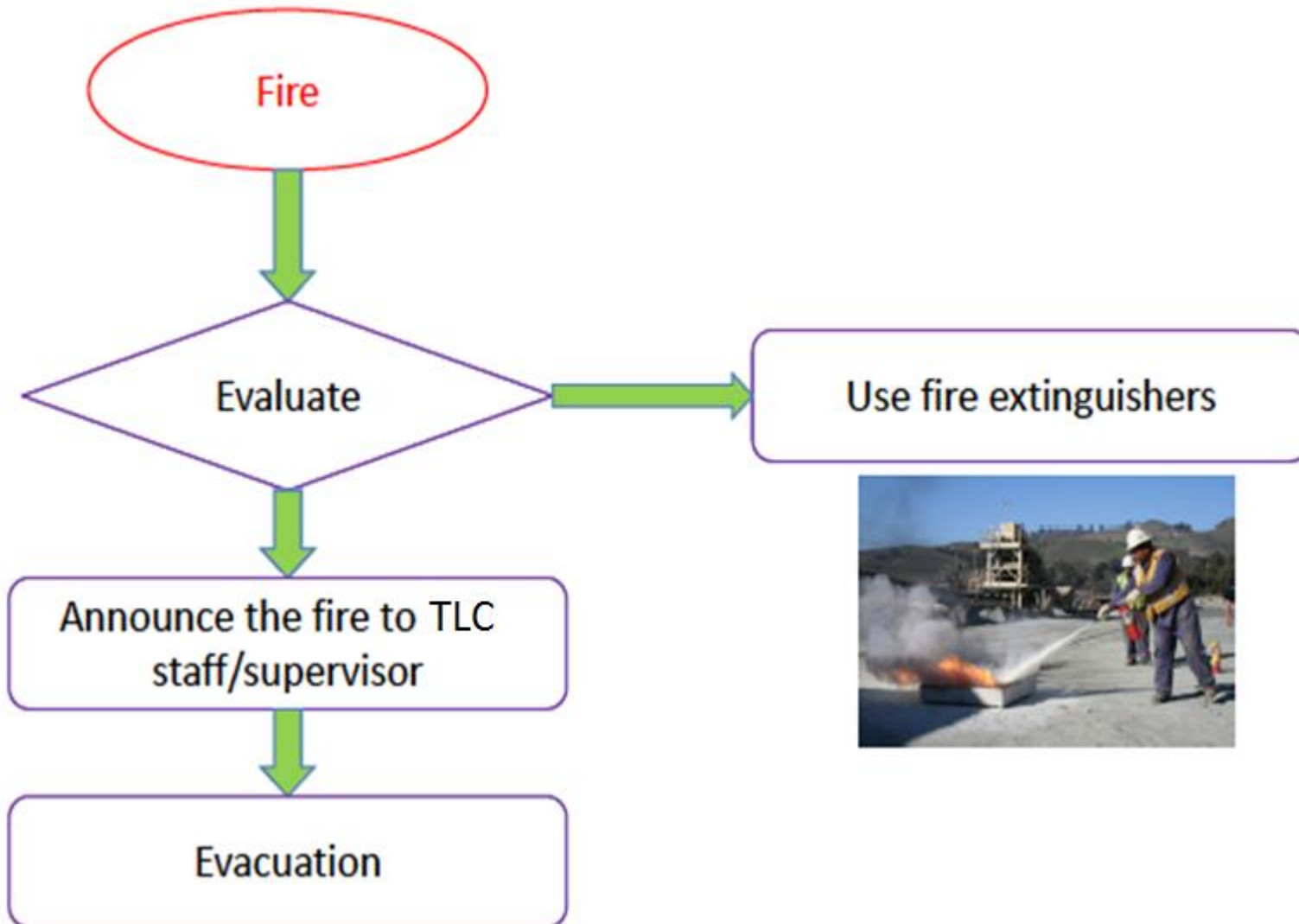
- 1 ĐÃ THỰC HIỆN KIỂM TRA TRƯỚC KHI LÀM VIỆC CHƯA?
- 2 ĐÃ MANG CÁC DỤNG CỤ BẢO HỘ LAO ĐỘNG KHI LÀM VIỆC CHƯA?
- 3 ĐÃ TUÂN THỦ CÁC NGUYÊN TẮC AN TOÀN CHƯA ?



# GENERAL REGULATIONS



# EMERGENCY RESPONSE



# EMERGENCY RESPONSE

## Muster Point



# CONFINED SPACE

## Basic requirements:

The oxygen dose must more than 19.5% and less than 23% oxygen. The best is 20.9% or 21%.

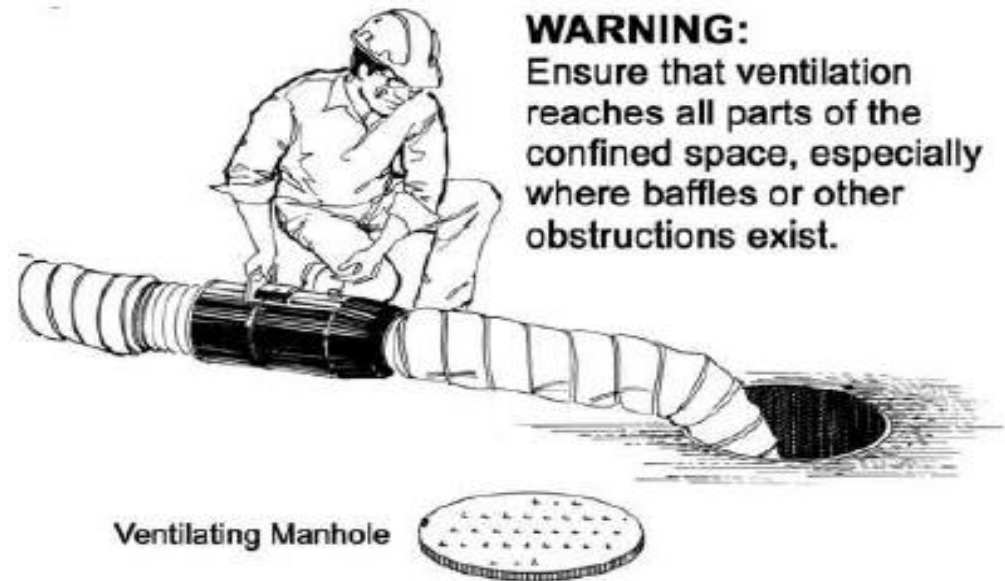
The light must at least 150 lux (Decision 3733/2002/QĐ-BYT)

Must have the emergency reponse plan.

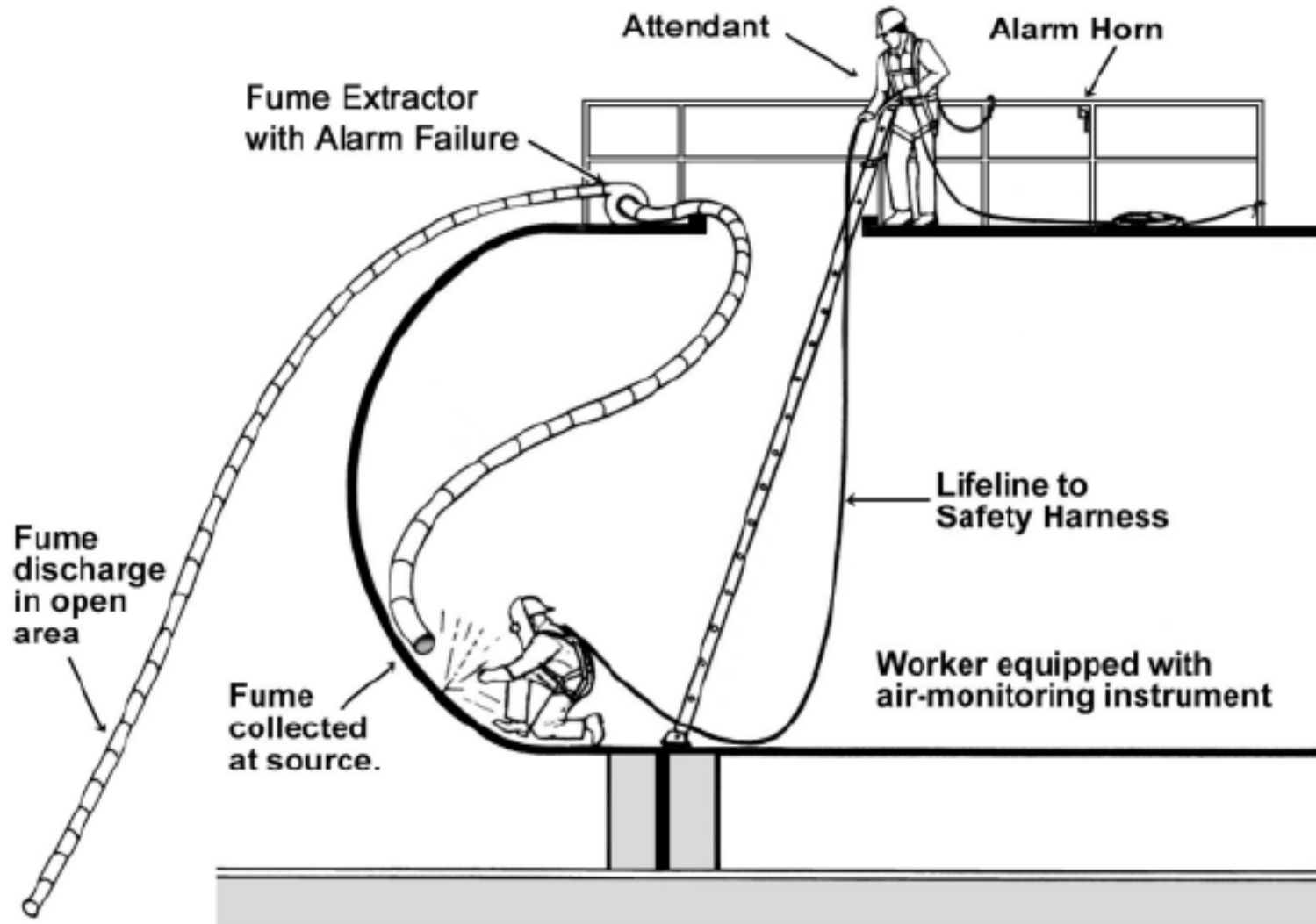
No fire inside confined space. If you need to do welding job, you must check the gas dose in the air.

Must install the ventilation system and alarm in case of less oxygen

# CONFINED SPACE

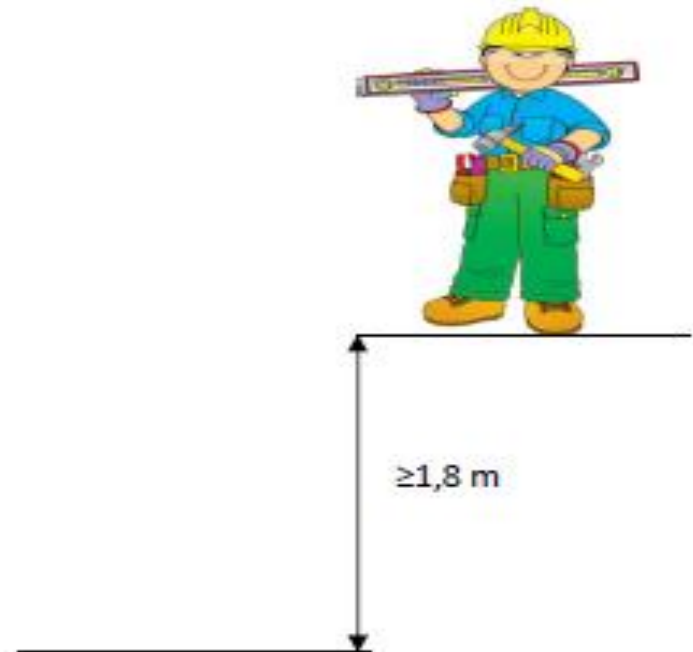


# CONFINED SPACE



# WORKING AT HEIGHT

Work at height means work in any place which a person could fall a distance from over 1.8m and if there no protective measures, a preson could injure by the falling (see figure 1)

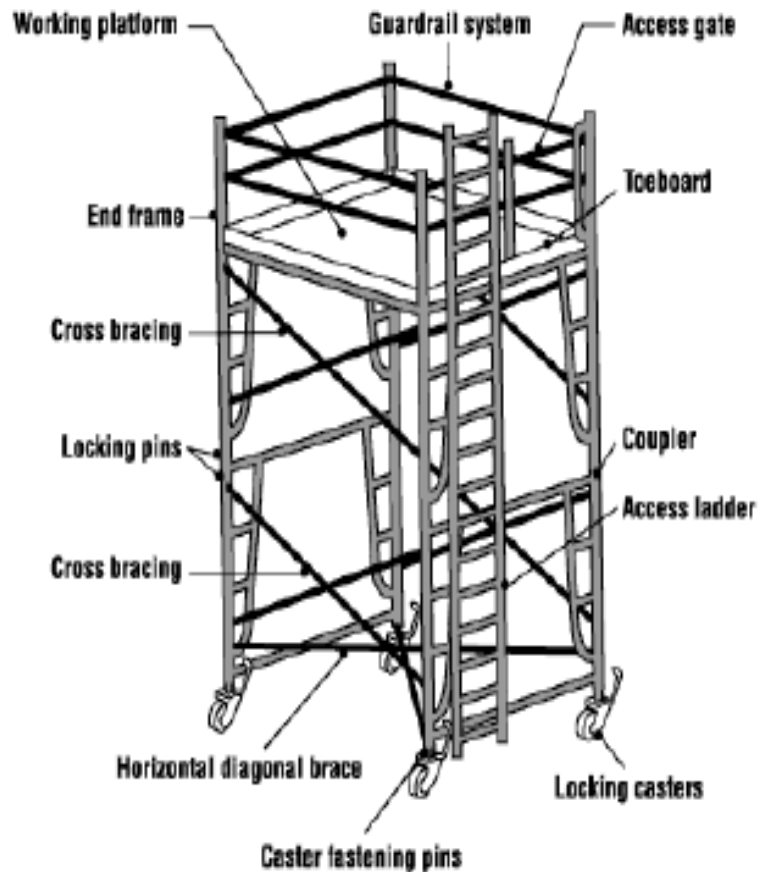


# WORKING AT HEIGHT

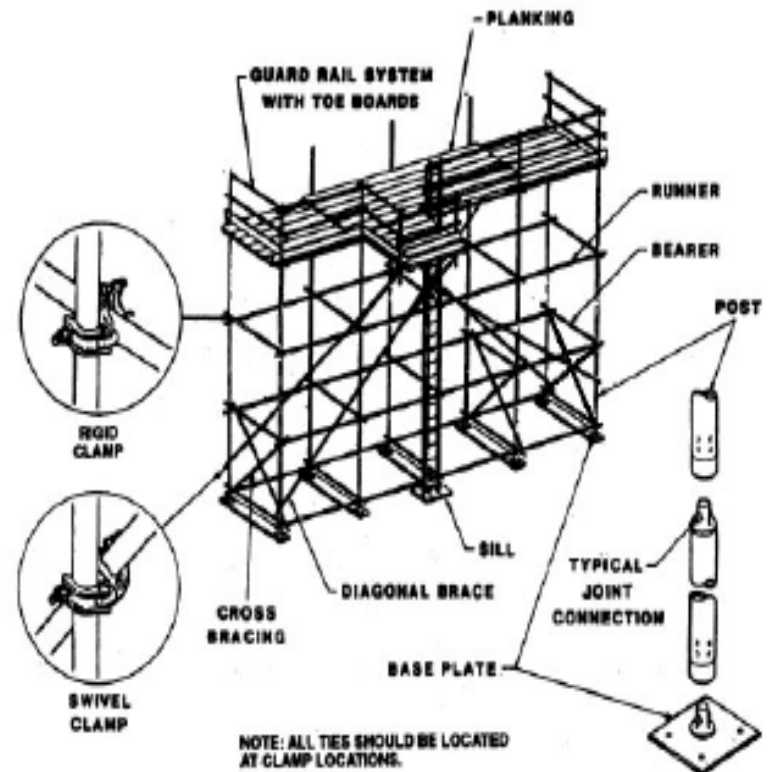




# WORKING AT HEIGHT



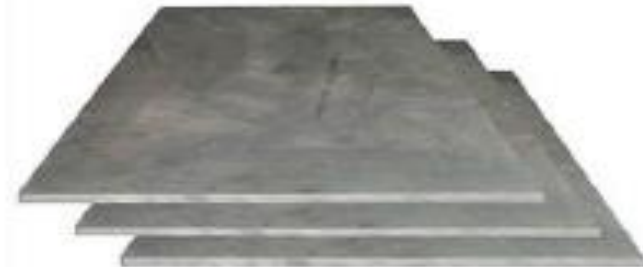
## TUBE and COUPLER SCAFFOLD



# Scaffold

# WORKING AT HEIGHT

- Must use wood or steel for base plate



- Do not use bricks or stone replace for base plate



# WORKING AT HEIGHT

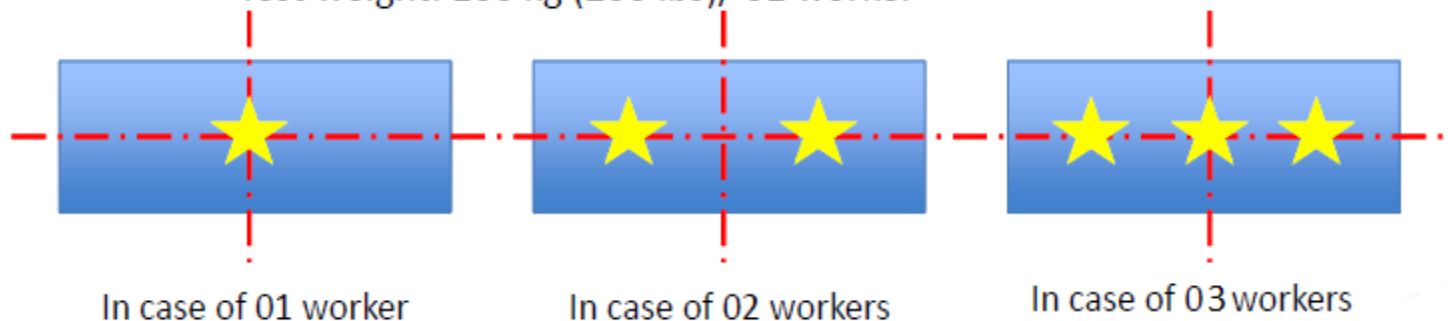
## Scaffold Capacity

1. Slight load: 125 kg (250 lbs)/m<sup>2</sup>
2. Medium load: 250 kg (500 lbs)/m<sup>2</sup>
3. Heavy load: 375 kg (750 lbs)/m<sup>2</sup>
4. Special load: > 375 kg (750 lbs)/m<sup>2</sup>

3

## Working Platform Capacity

- Must be test before use
- Test weight: 100 kg (200 lbs)/ 01 worker



# WORKING AT HEIGHT

Scaffold with height over 12 m must design the ladder inside the scaffold



# WORKING AT HEIGHT

## Mobile scaffold

- + Diameter of casters:  $\geq 0.1$  meters
- + Scaffold casters must be locked when scaffold is in use
- + Never move mobile scaffold when having workers, tools on it
- + When moving the mobile scaffold, must ensure the smallest distance between two castors  $\geq \frac{1}{2}$  the height level of scaffold



# WORKING AT HEIGHT

1. The erector must have a certificate about scaffold erection.
2. The scaffold must be checked before using.
3. The worker work at height must have a safety certificate (follow Circular 27/2013 of Molisa).

# WORKING AT HEIGHT



## Requirements when using Mobile Elevating Work Platform

1. The machine must have a inspection record and record is still effective.
2. The driver must have a license.
3. The worker work at height must have a safety certificate (follow Circular 27/2013 of Molisa).



# HOT WORK

**Cutting**



**Welding, Soldering**



**Brazing**



# HOT WORK

## Requirements when doing hot work



### Remember:

- + Barrier
- + Fire extinguisher in good condition
- + Fire watcher
- + Clean flammable materials before working

## Requirements for hot work area

1. The machine must have a inspection record and record is still effective.
2. The worker must have a occupational certificate.
3. The worker must have a safety certificate (follow Circular 27/2013 of Molisa)

# ELECTRICAL JOB

## Basic requirements for electrical box

1. All electrical box must be grounded to prevent electrical accident.
2. Must be locked and must be pasted the caution sign.
3. Must equip the RCD (Residual current device) to protect the workers.
4. Must be checked every week.
5. Must use electrical plug and socket



Authorized  
Personnel Only



# ELECTRICAL JOB

## Basic requirements for electrical hand tool

1. Must be inspected by TLC and pasted the sticker.
2. Must be store in good condition.



3. Do not use when tools is damaged.

TLC	SAFETY INSPECTION	
PASS	Equipment ID:	
	Pass Date:	Next Due:
	Test Engineer:	

TLC	SAFETY INSPECTION	
FAIL	Equipment ID:	
	Fail Date:	<b>DO NOT USE</b>
	Test Engineer:	

# ELECTRICAL JOB

## Basic requirements for electrical line

1. All electrical line must be hung over 2 meter at working site.
2. Do not hang electrical line on



3. The safety distance for electrical line as follows:

Voltage (kV)	1	1-20	35-110	154-220	300	500-700
Safety distance (m)	1.5	2	4	5	6	9

THANK YOU  
FOR  
LISTENING

