

One Day Training Program on **“SAFE USE OF SCAFFOLDING”**



Fujairah Cement Industries
P.O Box: 11477, Dibba, Fujairah

Date: 09-03-2015

Topics Covered

- ” Potential Hazard & Risks
- ” Safety Precautions
- ” Types of Scaffoldings
- ” Assembly & Dismantling
- ” Accepted Standards of Dimensions
- ” Safety & Integrity of Scaffolding
- ” Incident Reporting

TYPES OF SCAFFOLDS

- ▶ 1. Suspended Scaffolds
- ▶ 2. Supported Scaffolds
- ▶ 3. Aerial Lifts
- ▶ 4. Independent Scaffolds or birdcage Scaffolds
- ▶ 5. Mobile Scaffolds
- ▶ 6. Fixed Scaffolds
- ▶ 7. Cantilever Scaffolds

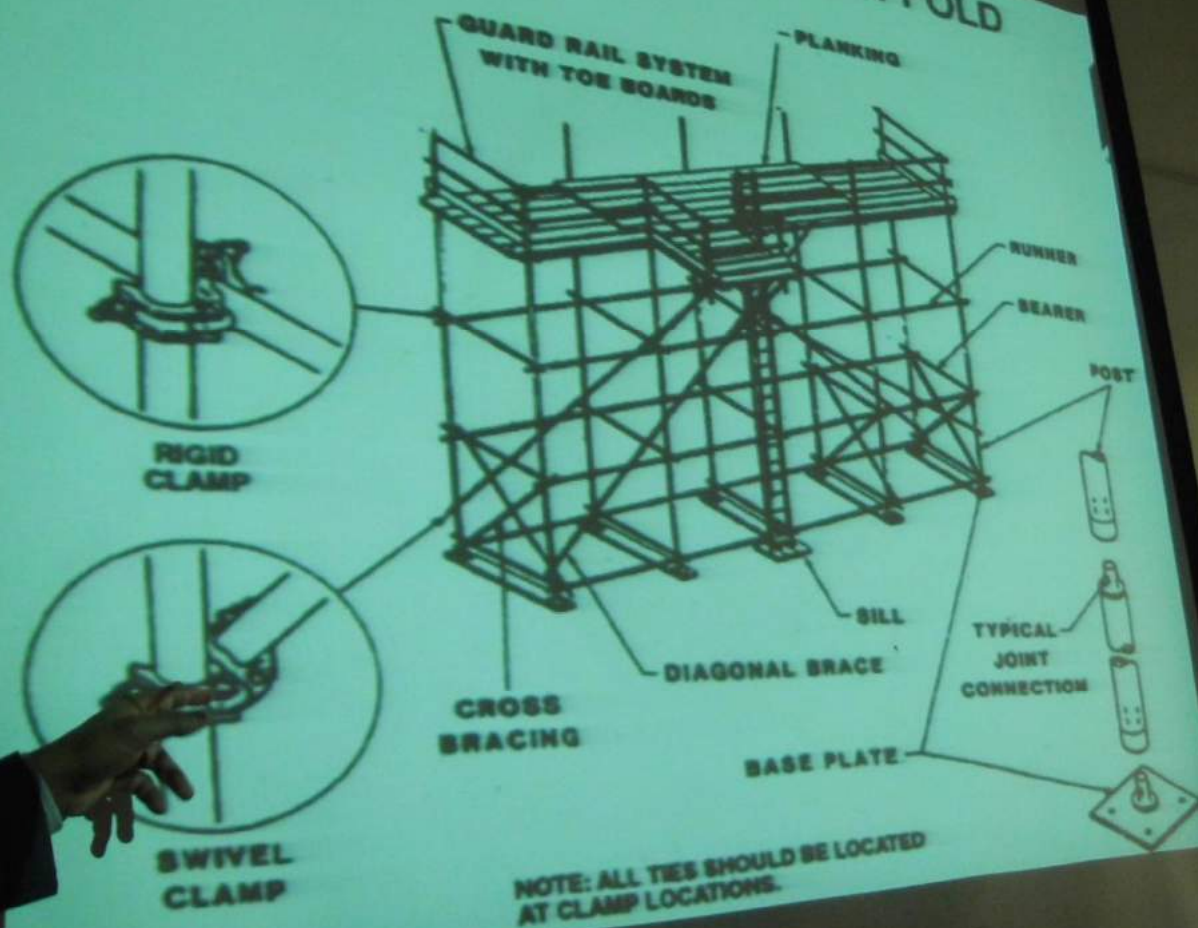
Among the factors need to be considered during the design process of scaffold are as follows:

- a) Easier to be erected
- b) Strong
- c) Light / Not heavy
- d) Safe
- e) Suitable
- f) Passage Link / Passage connecting to other places



Two Point Lifting stages is being to rope
or cable connected to structure at each end
of the platform.
It is used for window washers or elevators.

TUBE and COUPLER SCAFFOLD





Supervision of scaffold erection & progress / safety reports are undertaken by a suitable experience & qualified person that normally occurs:

- a) within the preceding 7 days
- b) after adverse weather conditions that may have affected the scaffold's strength or stability
- c) whenever alterations / additions are made to the scaffold

Maximum Heights of Scaffolds & Maximum Number of Working Levels: (Tube and Clamp Scaffolds)

- ▶ 1. Each contractor shall prepare a design for scaffolds systems according to the nature of work, and the expected intended loads, and the methods of fixing the scaffolds, the consultant engineer shall approve such designs.
- ▶ 2. The maximum height of scaffold shall not exceed 38 m (125 feet), and in case the need for higher scaffolds, the contractor

Erection of Scaffolds Over 10 Metres

- ▶ The main contractor is to make arrangements for an independent scaffolding contractor to carry out all scaffolding works where the total height of the scaffold to the working platform exceeds 10 metres. Before the main contractor enters into any contractual arrangement with a proposed scaffolding contractor the main contractor must demonstrate to EHS that the selected scaffolding contractor is competent to undertake the work. The measure of competency shall be based on the following:

Table (1)

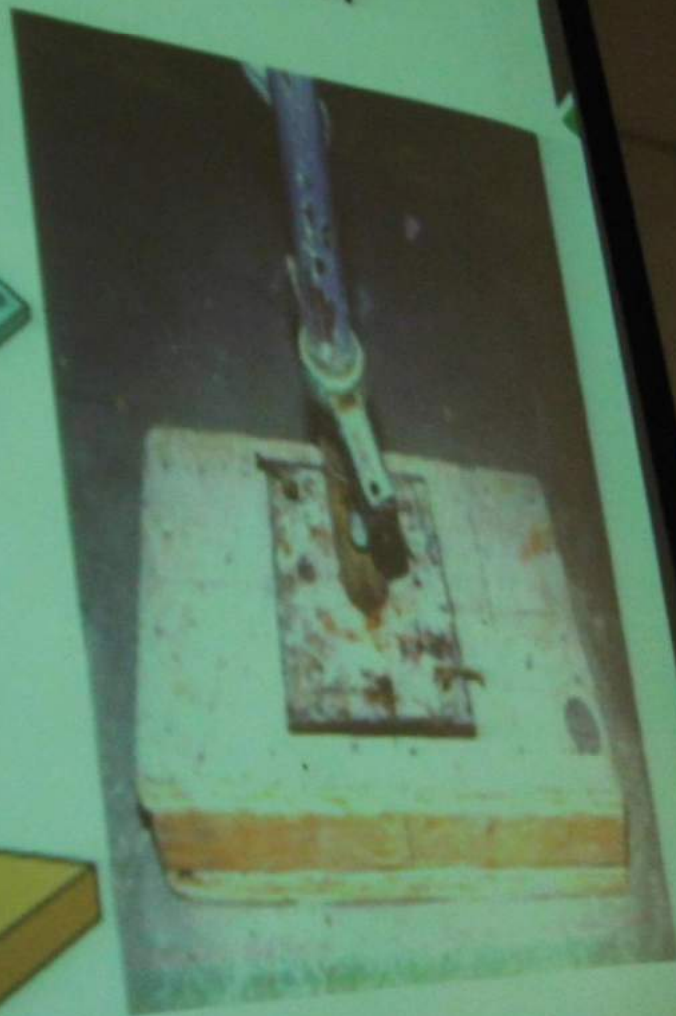
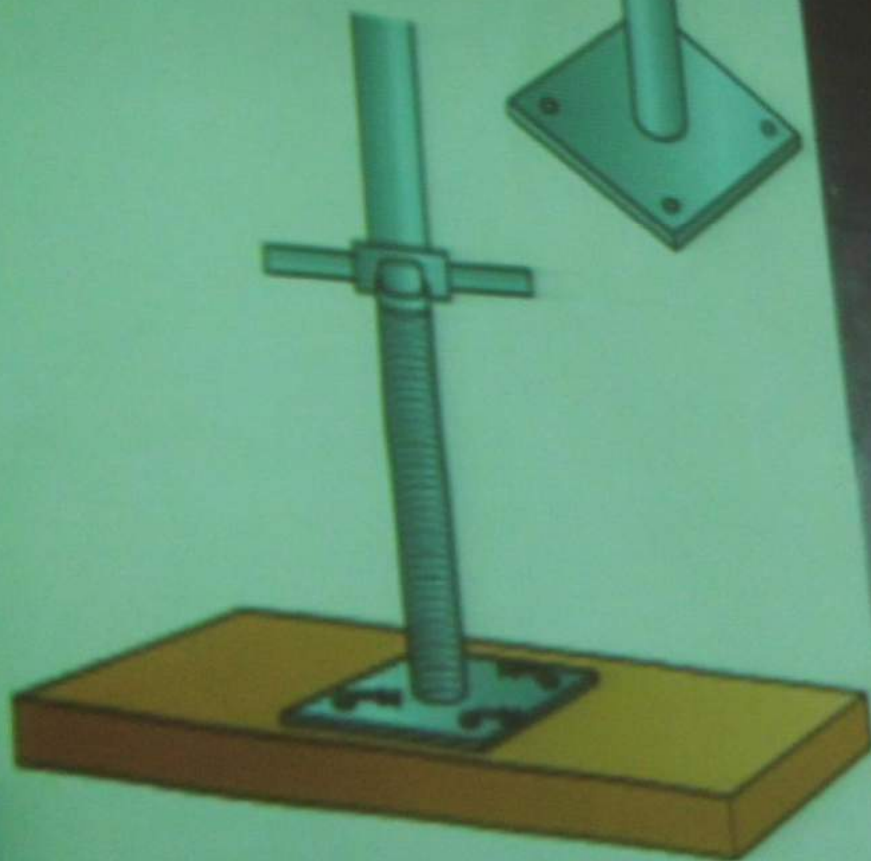
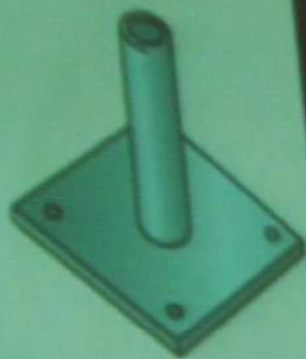
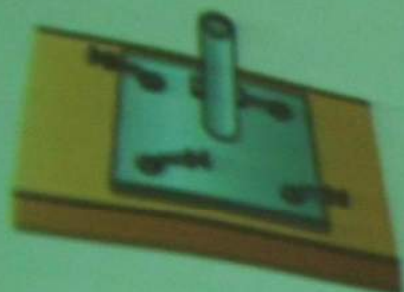
► **Maximum Number of Planked Levels**

	Maximum Number of Additional Planked Levels			Maximum Height of Scaffold (Feet)
	Light Duty	Medium Duty	Heavy Duty	
Number of Working Levels				
1	16	11	6	125
2	11	1	0	125
3	6	0	0	125
4	1	0	0	125

SCAFFOLD TAGGING



SCAFFOLD FOUNDATION



Group Photography of Participants



Onsite Demonstration of Scaffolding



Trainer Enggr. Rizwan Haroon, interacting with participants



Participants with the Trainer



Attendance List



Al Tair Inspection Services



Training Program On: "SAFE USE OF SCAFFOLDING"

DATE: 09th March, 2015 (Monday)

TIME: 11:00 AM

VENUE: Conference Hall, Admin Building, FCI

List of Participants:

S.No	Name	Clock No:	Signature
1.	MALLIKARJUN ROTTY	0498	<i>[Signature]</i>
2.	SANJAY KUMAR THAKUR	0653	<i>[Signature]</i> 09/03/15
3.	BALWANT GANESH [Signature]	0815	<i>[Signature]</i>
4.	ANIL KUMAR SHRI HARIPAL	0816	ANIL KUMAR
5.	MANIVASAKAM PETCHIMUTHU	0838	<i>[Signature]</i>
6.	MARI MUTHU	0839	<i>[Signature]</i>
7.	PANKAJ KUMAR	1034	<i>[Signature]</i>
8.	BASHEER AHMAD	1039	<i>[Signature]</i>
9.	ALLAH RAKHA	1043	<i>[Signature]</i>
10.	ABDUL AMJAD NAAZ	0973	<i>[Signature]</i>