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ITD CEMENTATION INDIA LIMITED

Safe Sites

Volume III / 2011, Issue 33

A Periodical on "Safety in Construction"

Pen Point

There is no denying the fact that "People are the greatest asset". The Company cares for its people is amply evident from the fact that no other than the MD himself attended the safety workshop for three continuous days at Mumbai, Delhi & Kolkata during September 2011.

The workshop provided a platform for project managers to exhibit their sites' safety standards, to exchange notes and develop better insight and understanding about the approach required to further improve these continually. This shall help the Company to pave way for sustainable growth.

While a CD covering detailed description of the workshop is being sent to sites, brief of the proceedings with important issues have been penned down on page 3.

Scaffold is one of the most important and common temporary structures in use at sites. Its safe construction and use shall prevent many an accident. Included on page 2 are the precautions to be taken while erecting and using scaffolds. Site should adhere to these safe practices without fail.

With so much emphasis on safety, I am sure that the sites shall succeed in their endeavor to keep the balance of 2011 injury free.

A K Sehgal

'If' - Rudyard Kipling

If you can keep your head when all about you
Are losing theirs and blaming it on you;
If you can trust yourself when all men doubt you,
But make allowance for their doubting too:
If you can wait and not be tired by waiting,
Or being lied about, don't deal in lies,
Or being hated don't give way to hating,
And yet don't look too good, nor talk too wise;

If you can dream-& not make dreams your master;
If you can think-& not make thoughts your aim,
If you can meet with Triumph and Disaster
And treat those two impostors just the same:
If you can bear to hear the truth you've spoken
Twisted by knaves to make a trap for fools,
Or watch the things you gave your life to, broken,
And stoop and build 'em up with worn-out tools;

If you can make one heap of all your winnings
And risk it on one turn of pitch-and-toss,
And lose, and start again at your beginnings
And never breathe a word about your loss:
If you can force your heart and nerve and sinew
To serve your turn long after they are gone,
And so hold on when there is nothing in you
Except the Will which says to them: 'Hold on!'

If you can talk with crowds and keep your virtue,
Or walk with Kings-nor lose the common touch,
If neither foes nor loving friends can hurt you,
If all men count with you, but none too much:
If you can fill the unforgiving minute
With sixty seconds' worth of distance run,
Yours is the Earth and everything that's in it,
And - which is more - you'll be a Man, my son!

Samsung, Dahej were declared winners of the Philpot Trophy for the year 2010. The award was received by Arun Khairnar, the Project Manager of Samsung site.

जिसने सुरक्षा अपनाई। जिंदगी उस पर मुस्कराई ॥

Scaffold Safety

Ground, Sole Board & Base Plate

- Erect scaffolding on leveled & firm / compacted ground.
- Always use wooden sole boards below base plates.
- Ensure that base plates are used below each standard.

Scaffold Material & Erection

- Ensure that scaffold material is of good quality, adequate strength & free from any defects.
- Scaffold should be erected in plumb.
- Use transoms, ledgers, putlogs and cross bracings as per the design requirement and clamp properly.
- Scaffold to be erected by group of trained workers under the supervision of competent person.
- Use ties to support the scaffold and facade bracings as applicable.
- Do not use scaffold while it is being erected or dismantled.
- No alterations to be made to the scaffold without permission of authorised person.
- Take adequate precautions when overhead electric cables are running.

Work Platform & Guard Rails

- Work platform should be fully boarded and all planks must be secured at their ends.
- Scaffold planks shall not overhang its end supports more than 4 times its thickness.
- Provide hand and mid railing with toe board of 150 mm height.
- Provide adequate access & egress to the work platform.
- Do not leave any material, tools or equipment on platform when no work is performed from the platform.
- Do not over load the scaffold.

Use of Scaffold & Checks

- Scaffolds should be checked for stability once a week. Check its stability immediately after rains.
- A daily visual check should also be carried out by the supervisor to remove defects.
- Do not use scaffold during heavy rain or wind storm.
- Display Scaff Tags such as "UNSAFE - DO NOT USE", "SAFE TO USE".
- Use PPE such as safety helmet, full body safety harness, safety shoes & safety glasses as required.
- Remove unsafe and damaged components immediately.

Mobile Scaffold Towers

- Ensure that mobile scaffolding is of good construction, sound material & adequate strength.
- Mobile scaffold towers to be strictly used on level and firm grounds to avoid instability.
- Provide full planking and use internal ladder with protected opening.
- Ensure that guard rails and toe boards are in place on all open sides.
- Do not exceed the scaffold working load.
- Tagging system must be strictly followed.
- Check castor wheels and swivels for effective rotation and locking devices.
- Ensure that maximum height to the shortest width ratio of a mobile scaffold does not exceed 3.5:1. Use rakers if required.
- Never climb the outside of any mobile scaffold tower. This can overturn even a correctly erected tower.
- Do not move the mobile scaffold when people are on top of it.
- Carry out weekly inspections of the scaffold.
- Wear appropriate PPEs as suggested by the manufacturer or identified in the Risk Assessment.
- Take adequate precautions when overhead electric cables are near a scaffold.

Be like a Wise Bird?



Safety is a mission; not an intermission

Philpot Trophy to Samsung, Dahej



Philpot Trophy for 2010 being presented by Khun Adun, the Managing Director to Samsung, Dahej Site

Philpot trophy for the Year 2010 was awarded to Samsung Dahej site for their splendid safety performance during the year 2010. The trophy was given during the MD's Workshop held at Mumbai on 20 Sep 2011. Achievements of Samsung Dahej site are:

- Completed one million man hours without any accident in spite of executing high risk activities.
- Well maintained safety culture.
- Work appreciation letters from client.
- Training for operators, workers and supervisors.
- Good Housekeeping at site all the time

Year wise winners of Philpot Trophy since introduction:

Year	Winning Site
2010	Samsung Dahej (15209 CF)
2007	Pathankot Road Project (AA 027)
2006	Hazira (B 2796)
2005	DMRC Dwarka (AA030) & Sabarmati (B2765)
2004	Goa Bridge (BB 013)

Sudershan Salunke

Of ABG Dahej recognised for achievement of 3 Million Man Hours injury free work

S K Gupta & D C Johnson

Of MDL recognized for 2 Million Man Hours of injury free work

MD's Safety Workshop

MD's Safety workshop was held at Mumbai, Delhi & Kolkata on 20, 21 & 22 Sep 2011 respectively. Divisional Heads, Plant Head, Project Managers & Safety Managers / Officers from different sites attended the workshop.

Khun Adun expressed concern over Company's past safety record. He emphasized on shift in beliefs, developing an organization, establishing a safety culture, providing management leadership and commitment and achieving operational excellence through operational discipline. He forcefully stated that safety is not optional but is a value to be adopted.

AKS spoke on analysis of accidents, pain & sufferings, impact & cost of accidents. He presented safe & unsafe practices followed at sites, role of management with regard to EHS; 5S housekeeping techniques and long & short term safety goals.

Project Managers from different sites presented details of safety compliances at their sites to prevent injuries and their past achievements with regard to EHS.

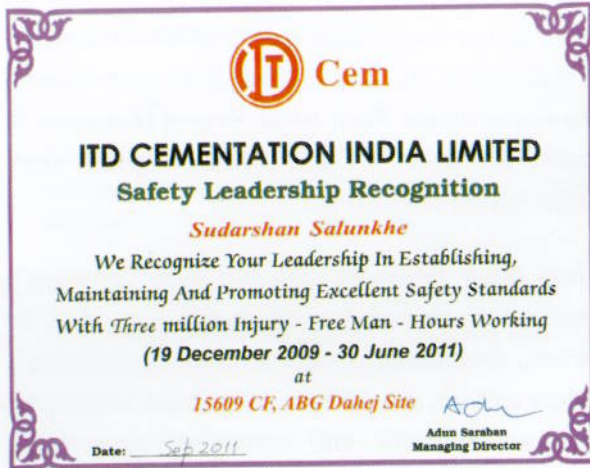
Mr. Sunil Shah Singh and Mr. A K Chatterjee summed up the proceedings stating that sites should strive to complete work with zero injuries, in time, with profits and to the clients satisfaction.



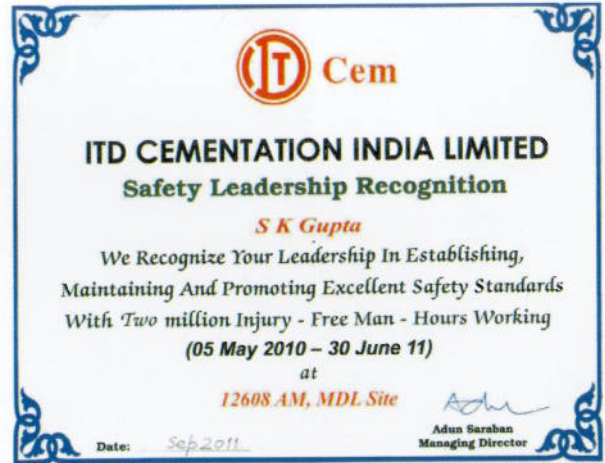
Mr. Dipayan Saha Sr GM of UG2 presenting safety performance of UG2 at Kolkata

Regular time or overtime; observe safety all the time

Clients Appreciation



Three Million Safe Man Hours achieved by ABG Dahej site



Two Million Safe Man Hours achieved by MDL site

Certificate issued by SIEMENS for exceptionally safe behaviour to following at (DGEN Mega Power Project) -

- ❖ *Alamgir Sheikh (Piling Worker)*
- ❖ *Chakradhar Barman (Cage Binder)*
- ❖ *Shivanandan Vishwakarma (HK worker)*



One Million Safe Man Hours certificate received by Paradip site



Safe Behaviour award received from Siemens



Appreciation Certificate received from PMC Projects

Safety is a state of mind, accidents are an absence of mind