



**INSTITUTE FOR LEAN CONSTRUCTION
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**Ambience for Lean
Construction**



Essentials:

- (1) For Effective lean construction the owner plays highly significant role.
He has to show one and all that he is committed to lean construction.
- (2) The players imbibe the spirit of lean construction from the owner.
By virtue of training , serious discussions they become positive for lean construction.
They see the gains for one and all by lean construction.

- (3) The **linchpin** for Lean Construction - continuous improvement - **KAIZEN**.

Lean construction does not exist without KAIZEN.

What does Lean Construction really want ?

- (1) **Collaboration** – In fact – Immaculate collaboration

Between all players whether they be big or small

- (2) **Flow**

Smooth flow of work without any interruption what so ever

Lean construction abhors optimizing one activity without corresponding same with other activities.

Lean construction means optimizing all activities with flow – Optimizing total project.

FLOW --Excavation – structural concrete – brick work – plaster ----
handing over ,closure of unit

- (3) **Team**

Lean construction emphasis team building who together will spot wastages removal / mitigating wastages – innovation – all for better performance.

Team is :- All for one and one for all.

Building such crack teams is not necessarily the HR departments exercise.

It is more by the engineers / higher supervisory staff at site.

Here is where the owners have their role cutup.

US MARINES take ordinary recruits and convert them into a crack professional team who go on to do extraordinary things.

(4) Monitoring at close interval

Lean construction demands monitoring preferably in not more than a week and even daily – Continuous correction

(5) Pull

Lean construction becomes meaningless without a pull

The team should work together, should scheme together, should innovate together, should dare to do impossible targets – REAL PULL

(6) Kaizen

Continuous improvement week after week, day after day is the rule of lean construction

(7) Stress Free

Lean construction means stress free ambience for one and all for better and better performance

Targets must be feasible and reachable

Commitment is a must for the global target - the challenge to be met by the team.

(8) Lean Culture

Lean Culture has to be adopted in full by the company.

It should not be for one project only.

It should be sustaining for the entire company for the entire existence of the company.

This will definitely take time – the reward - the high level of lean culture is highly cherishing besides other gains, including happiness in work.

Lean Construction is probably the toughest application but has the highest payout

Next Newsletter Lean construction application in processes.