

INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE (ILCE)

Introduction to Lean
Construction : Principles and
Practices



SP Shapoorji Pallonji & Co. Ltd.



LARSEN & TOUBRO LIMITED
Engineering Construction & Contract Division

CHARTER MEMBERS

Founded in November 2008 as a non-profit company, ILCE's main objective is to introduce in India "Lean Construction" for the benefit of all stakeholders in the construction industry.

We take pleasure to invite you to a two day workshop on **“Introduction to Lean Construction : Principles and Practices ”**

Principal Instructor : **Mr. Gregory A Howell**
Co-founder Lean Constcution
Institute, U.S.A.

Lean Construction creates three opportunities for improvement

- a) Impeccable coordination
- b) Projects as Production systems
- c) Projects as collective enterprise

The workshop explores each through a combination of simulation, lecture, case study and discussion.

Together these establish the basic vocabulary, fundamental principles & basic practices of LEAN construction.

When projects use LEAN Construction

- »» Value to the client drives planning at every level
- »» Waste is reduced because work flow is more predictable and lead-times are shorter. Productivity improves.
- »» Obstacles are removed. Work is ready to be done when it is assigned.
- »» Project control systems do more than report project progress - they make things happen.
- »» Planning system performance is measured and improved. The lessons learned each week are immediately applied.
- »» The project team's designers, suppliers and contractors are linked together by a planning system that works; they help each other, instead of blaming each other.

What will this Program bring to you?

- »» Why should project / construction organizations embrace LEAN Construction?
- »» How is LEAN Construction different from current project delivery practices?
- »» What are the benefits reported through implementation of LEAN Construction ?
- »» Overview of LEAN tools / techniques.
- »» Case studies on successful LEAN Construction implementation.

Who should attend?

- »» Owners of facilities like Buildings, Hotels, Hospitals
- »» Developers of PPP Projects, Real Estate Projects etc.
- »» Architects / Engineers / Consultants.
- »» General Contractors
- »» Middle & Senior Management professionals in the Real Estate / Construction Sectors.

Workshop Dates / Venue / Program



- Delhi** : 22nd & 23rd Nov,
Jaypee Sports Complex, JP Greens,
Greater Noida.
- Mumbai** : 25th & 26th Nov
Hotel Taj President, Cuffe Parade
- Chennai** : 29th & 30th Nov
Hotel Radisson, Near Airport

Day 01

Session Duration

- | | | |
|----|---------------|--|
| 01 | 08.45 - 09.15 | Registration and Coffee |
| 02 | 09.15 - 09.30 | Welcome and Introduction |
| 03 | 09.30 - 11.00 | Framing the issue: What is LEAN Construction - Three Opportunities and Domains |

Tea Break

- | | | |
|----|---------------|----------------------------------|
| 04 | 11.15 - 13.00 | Simulation 1, "Parade of Trades" |
|----|---------------|----------------------------------|

Lunch Break

- | | | |
|----|---------------|---|
| 05 | 13.45 - 14.45 | Making Workflow Predictable : Last Planner System |
| 06 | 14.45 - 15.45 | Making Workflow Predictable : Last Planner System 2 |

Tea Break

- | | | |
|----|---------------|--|
| 07 | 16.00 - 17.00 | Project Based production system simulation |
| 08 | 17.00 - 18.00 | Post simulation discussion |

Day 02

Session Duration

- | | | |
|----|---------------|------------|
| 01 | 09.30 - 11.00 | Case Study |
|----|---------------|------------|

Tea Break

- | | | |
|----|---------------|---------------------------|
| 02 | 11.15 - 13.00 | Simulation and Discussion |
|----|---------------|---------------------------|

Lunch Break

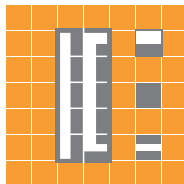
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|----|---------------|-----------------------------|
| 03 | 13.45 - 14.45 | Integrated Project Delivery |
| 04 | 14.45 - 15.45 | Case Study |

Tea Break

- | | | |
|----|---------------|--------------------|
| 05 | 16.00 - 17.00 | Managing Design |
| 06 | 17.00 - 18.00 | Summary & Wrap up. |

End of Event

INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE (ILCE)



Nomination Form

New Delhi Mumbai Chennai

We nominate the following personnel to attend the seminar :

01 Name
Designation
Email

02 Name
Designation
Email

03 Name
Designation
Email

04 Name
Designation
Email

Our Demand Draft for Rs.dated
Bearing the number
drawn in favour of **"Institute for Lean Construction Excellence**
is enclosed.

Contact details:

Organization

Address

.....

Contact Person

Designation

Tel no

Fax

Email

Terms of Participation

Participation Fees :

Rs. 10,000/- per participant + 10.3% Service Tax
Fees covers : Participation course materials and Lunch for both the days. Discount of 20% on fees will be given to Corporate Members / Member.

Payment Details:

Payment should be DD in favour of "INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE".

On line / Mail transfer to "INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE" A/C No. 00602560008689.
RTGS/NEFT IFSC: HDFC0000240.
HDFC BANK LTD. FORT, MUMBAI 400 001

Participation fee is non-refundable but change of nomination(s) is acceptable.

Terms and Conditions:

1. Fees are inclusive of program materials and refreshments.
2. Copyright etc: All intellectual property rights in all materials produced or distributed by ILCE in connection with this event is expressly reserved and any unauthorized duplication, publication or distribution is prohibited.

Registration, Nomination & Enquiries:

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