

INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE (ILCE)

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NEWS LETTER:84

***Real Solid Gains – Practice of Lean
Construction***

***The Success of ILCE Conference on 6th & 7th
February 2015 did bring out a revealing fact, a
home truth that LEAN Construction, if practiced
diligently, results in wonderfully improvement of
performance and that too sustained improvement***

***This was emphasized again and again in the No
of Papers which was read in the Conference.***

URC ConstRUCtion(P) Ltd –Tex Valley Project

Reduction by 15 % delay in project (As read by Weekly Percent plan
Complete-PPC values increasing performance from 65 % to 80 %).

Reduction of slab cycle time from 45 days to 30 days

Scrap percentage of steel reduced from 5.98% to 0.29 %

Enhancement of Labour Productivity by 25% above their past
productivity

Afcons InfrAstructure Ltd

Dahej Stand by jetty Project

Improvement of Performance from 50 % in July to 85 % in December (As read by Weekly PPC values)

Cycle time improvement of Piling and stud welding by 50 % in six months

Chennai Metro Project

Excavation improvement of performance from 250 cu m per day in July to 450 cum per day in January –increment by 80 %

Anna Nagar Tower Construction Chennai

Base slab pour cycle time pour improvement by 38 %

Edac Engineering Ltd –Ratnagiri Power Plant Construction

Cultural Change

Supervisors, lowest in rank in Execution Staff, were involved in Planning bringing about a Cultural Change | Personal Involvement, Comfortableness in work environment and above all resulting in increase of Performance, Predictability of Construction, and enhancement of Performance.

Quantitative improvement

Performance of Weekly Percentage Plan Complete (PPC) improving from 50 % to 70%, indicating improvement of Performance

Savings of Labour man hours in the execution of various works

Ms. Shapoorji Pallonji-Sarawatti

Township (Reliance Industries Ltd)

Implementation of Last Planner System (LPS) resulted in reducing average cycle time from 23 days to 14 days helping to eliminate two month delay in Construction.

Definitely a big improvement in Performance

SUMMING UP

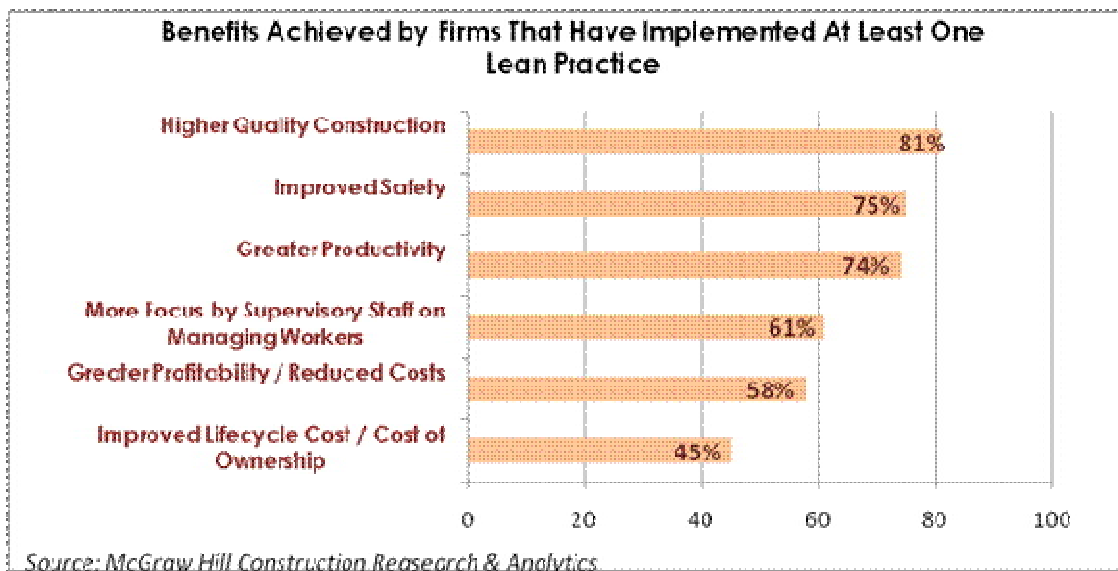
A very few illustrative examples above clearly brings home the message that Lean Construction is synonymous with sustained, continuous improvement of Performance .

Further it brings a happy, comfortable environment of work .No longer can the Construction world can afford the Construction Players pulling in different directions. The Slogan should now be "Collaboration or Perish"

Lean Construction leads kindly to any construction be it small or big.

One basic universal approach to all types of construction

Even a single Lean Construction tool, well practiced, can bring remarkable benefits as illustrated below.



ILCE has dedicated his efforts to spread Lean Construction across the Indian Construction Industry for its overall Improvement.

Any queries /services on same will gladly be responded.