SITE

SJCPL Newsletter

April - June 2018 www.sjcpl.in



Formwork

From the **Director's Desk**



Suhas JangleManaging Director

Every new year brings with it a new set of goals, challenges, and possibilities. This makes the beginning of a new financial year extremely exciting as we set our annual targets and start planning on how to achieve them. The past quarter has set these

plans in motion and I am happy to announce that things are proceeding as planned. I would like to take the time out to express my gratitude to all of our long standing clients for their continuous support as well as welcome onboard our new clients who have so kindly placed their trust in us. We promise to pursue excellence in quality and timeliness across all our projects.

In light of this theme, we have taken up several initiatives to reinforce some of our central support functions. We have set up a new and larger central warehouse unit along with an asset repairs and maintenance workshop to increase the efficiency of our material distribution and upkeep.

We have also started preparations to attain the ISO 45001:2018 certification that stresses on standardising the Occupational Health & Safety measures undertaken. In our efforts to further protect the environment, SJCPL is also implementing an Environmental Management System that will help us further reduce our 'Carbon Footprint' in 2018.

Finally, I would like to address all the new members of the SJCPL family. Welcome aboard! We are glad that you have chosen to grow as a professional with SJCPL. I would also like to forward a warm welcome to all our new vendors!

Here's to rising higher, together!

Work completed Q1: 2018-2019



Achievement

Rebar Placed

No form of appreciation is better than a client coming forward and openly appreciating one's efforts. Our team at the Gera Imperium site made the entire SJ Contracts family proud by completing RCC Slab placement for Project Gera Imperium with zero 'lost-time' hours. What's more inspiring is that the project was scheduled to take 16 months but took only 14 months to complete. SJCPL congratulates project team for a job well done!



Initiative

Employee Felicitation Silver Jubilee Celebrations



Commitment and adaptability are major pillars on which SJCPL stands tall and we are proud to say that we have 6 employees who have show-cased these values and have been our 'Pillars of Strength' continuously for more than 25 years! It has been a great experience to see them grow from eager youngsters into the professional stalwarts they are today. As our company is 28 years old, all of these employees are individuals who have been part of the Inception team.

A small program was hosted to felicitate Suresh Sakore, Prashant Muley, Sitaram Tanpure, Ganpat Sonkamble, RB Yadav and Awadhraj Yadav for their extraordinary dedication and commitment towards building SJCPL into the company it is today. Mr. Suhas Jangle also took the opportunity to share some personal memories and experiences with each of them.





Kushal: Workers Skill Upgradation

'Kushal' is a skills upgradation program launched by CREDAI Pune Metro in partnership with that National Skills Development Corporation (NSDC). The program was conceived to improve the skills of the construction workforce in India. Through Kushal, SJ Contracts has man-

Initiative

English Communication Workshop

As a company, SJCPL believes in the power of continuous learning and thus the iCARE initiative focuses on helping groom our employees into better professionals and people. One such initiative is the 'English Communication Workshop' which was conducted in May and June. Becoming better at communicating in English not only increases confidence but also enhances one's ability comprehend situations more effectively and perform day to day activities in a more efficient manner. The workshop is one part of SJCPL's initiative of grooming future leaders and change agents. It also is a great opportunity for employees to brush up their personal skills as well. Thirty-six participants from a variety of cadres have successfully completed the workshop!



aged to train over 300 workers over the last 6 months. Workers of various trades such as masonry, carpentry, and steel-works have been trained. Each training session was conducted with a class strength of not more than 30 workers so that each worker got the attention he/she needed to practice and perfect their skillset under the able guidance of the coaching staff from NSDC. The learning pedagogy included 20 days of 'On-The-Job' training along with a few class-room sessions.

A practical test was conducted at the end of each training program to assess how well each trainee has understood and mastered the skills that were taught. We are thankful to the Kushal program and CREDAI Pune Metro for partnering with us in this endeavor.





Corporate Initative

Implementation of Integrated Management Systems

SJ Contracts has been certified as an ISO 9001:2015 organisation for the last three years. Every year, we adopt an outlook of continuous improvement in standardising our business processes. The implementation and certification process has been an immense learning experience for the entire organisation. We have developed a substantial team of ISO internal auditors with audits being conducted every quarter.

We feel confident about having set up a sustainable Quality Management System (QMS) over the last three years. Hence, SJ Contracts has decided to initiate the implementation of an Integrated Management System, wherein we shall adopt and implement the ISO 14001:2015 and ISO 45001:2018 standards; i.e. Environmental Management Systems and Occupational Health & Safety Management systems respectively. The Integrated Management System (IMS) combines all related components of the business into one system for easier management and operations. With an Integrated Management System (IMS) in place, each of our 1000+ employees will be able to work in alignment to a single goal: improving the performance of the entire organisation.

The past three months have been a great learning experience as well as a hectic implementation phase. We have spent much time in aligning and standardising all our business processes across multiple functions. A core team has been set up for the purpose of seamlessly implementing the IMS across all projects. The IMS will facilitate an assurance in quality, safety and environmental sustainability during the execution of all our projects. Benefits will also be seen in the form of savings as a result of lesser wastage and preventive actions undertaken.

New Projects Undertaken

- M Agile | 15,00,000 sq. ft.
 Commercial Project by Malpani Group
- Amar Business Zone | 850,000 sq. ft Commercial Project by Amar Builders
- Serum Institute Canteen Building 200,000 sq. ft by Serum Institute of India

Achievement

The SJCPL MEGA CONCRETE POUR!

LIFT RAFT FOUNDATION CASTING TO SUPPORT 16 HIGH SPEED ELEVATORS

FOUNDATION SIZE

22m x 18m x 1.8m

STEEL

52 tons

CONCRETE TRUCKS
GRADE OF CONCRETE

100+ trips

™ M40 with 40% GGBFS

START TIME

END TIME



710 cum

10 HOURS



4:30 am

2:30 pm



PROJECT **M Agile by Malpani Group**1.5 million sq ft | Commercial Space
3B + G + 6P + 10 | Project Duration: 17 months

Spot our newest

CONCRETE MIXER

..now on the roads of Pune!



Learning & Sharing

Table Formwork Systems

A table form/flying form is a large pre-assembled formwork and falsework unit, often forming a complete bay of suspended floor slab. It offers mobility and quick installation for construction projects with regular plan layouts or long repetitive structures, so it is highly suitable for flat slabs. At SJCPL we have been using table formwork systems since 2010, which enables faster construction, higher labour productivity, higher quality finish and better safety.

As of today, we have an inventory of 19,000 Sq. m of different table formwork systems. We are using a variety of systems - conventional table made of props + H20 beams to large size aluminum frame tables which cover an area of 60 Sq. m in just one table. In order to implement table formwork for our residential projects we have procured a very advanced truss type system from Canada which even incorporates drop beam formwork as part of the table.



Recently we had a project which required 350mm thickness slabs at a height of 8m. Executing this work in a conventional manner would have been very time consuming.

After a lot of R&D, our formwork team developed an aluminum H-Frame system where each vertical has a safe load carrying capacity of 8MT. The end result was an 8m height table formwork system made of Aluminum H Frames and aluminum primary/secondary beams. Labour productivity achieved was far ahead of industry standards and resulted in completion of 9 lakh Sq. ft of 8m height slabs in a period of 12 months.



Featured Project

Future Towers, Amanora Township

Hadapsar, Pune | 22,00,000 sq. ft. built-up area



Future towers located in the Amanora Township is also popularly referred as 'India's iconic vertical city'. This resplendent structure stands out in Pune's skyline thanks to its hexagonal grid design and sloping elevation. The project has a total built up area of 2.2 million sq. ft consisting of 9 wings ranging from 19 floors to 30 floors. The project consists of 1200 apartment units.

SJCPL was the core and shell contractor on this project and has delivered 2.2 million sq. ft in a short period of 24 months. Use of tower cranes, aluminum truss table formwork and maximum mechanization of all activities has helped in achieving 120,000 CUM of concrete & 12000MT of rebar in just 24 months. The entire structure has Post Tensioned slabs. The most challenging feature of this project were four triangular openings of 13.5m height which required 12 inclined transfer girder beams of 3.3m (w) x 2m (d) x 20m (inclined length); each beam having a self-weight of 350 MT.

SJCPL was awarded the prestigious 'Well Equipped & Well Mechanized Project' award for this project.



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