



RebarCAD
World Class Rebar Software

CASE STUDY

ONGC Mangalore Petrochemical Corp.



THE NEW PETROCHEMICAL COMPLEX IS EXPECTED TO PRODUCE 900,000 METRIC TONS PER ANNUM (MTA) OF PARA-XYLENE AS WELL AS ABOUT 275,000 MTA OF BENZENE TO SUPPORT GROWING DEMAND FOR THESE PETROCHEMICALS IN ASIA.

ONGC, India's most valued company by market capitalisation and the biggest PSU in the sub-continent awarded the biggest Aromatics Complex in South India to L&T. In a project of such superlatives, the steel consumption was inevitably large. L&T from its past experiences clearly understood that rebar wastages as high as 10% was not excusable. L&T was also concerned about the quick turnaround of reinforcement drawings, as their managers clearly understood that each day lost at site without proper reinforcement drawings ended up as several lakhs of rupees wasted.

CONTRIBUTION OF REBARCAD SOFTWARE:

RebarCAD software was deployed by L&T for this project to spin out 70 drawings and Bar Bending Schedules (BBS) in record time. L&T's Mr Balaji Prakash E - Asst. Manager (Quantity Surveying) says: "The performance enhancement tools of RebarCAD are helping us multiply our productivity by an astounding factor." The RebarCAD drawings were used to help speed up the placing of the reinforcing steel bars on site, whilst the electronic BBS data was linked to the 'cut & bend' facility to make the bars faster whilst at the same time significantly reducing scrap!

BOUT LARSEN & TOUBRO LIMITED (L&T):

Larsen & Toubro Limited (L&T) is India's largest engineering and construction conglomerate with additional interests in electrical, electronics and IT. A strong customer-focused approach and constant quest for top-class quality have enabled L&T to attain and sustain a leadership position over 6 decades.

ABOUT CADS SOFTWARE INDIA PVT LTD:

RebarCAD software and its rebar engineering and information processing suite is the world's number one solution of its kind. Over 100 million man hours of reinforcement engineering is being carried out by RebarCAD around the world each year. In business for about 37 years, CADS is one of the world's leading developers specialising in solutions for the international construction industry. CADS has an installed worldwide user base of more than 5000 customers, who use in excess of 48,000 copies of CADS supplied programs in more than 70 countries.

"After we started using RebarCAD software, we recorded scrap as low as 2%, when it was as high as 10% before. We have also been able to do high quality and accurate drawings at a faster pace. We are glad we invested in RebarCAD and shall recommend it to those who need to professionalise their rebar engineering processes."

**Alagappan, RCM,
OMPL - Mangalore**

REBARCAD CUSTOMER:

Larsen & Toubro Limited (L&T ECC)

CLIENT/OWNER:

ONGC Mangalore Petrochemical Corp.

LOCATION:

Mangalore

REINFORCING STEEL USED:

10,000 MT

DURATION OF PROJECT:

33 Months

DURATION OF PROJECT:

Ongoing



AUTODESK
Authorised Developer



Microsoft Partner
Gold Application Development



GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES

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