



Hindustan Petroleum Corporation Ltd.



**CONSTRUCTION TO UPGRADE
HPCL'S LUBE OIL BASE STOCK (LOBS)
QUALITY REFINERY NEAR MUMBAI.
THE TOTAL COST OF THIS PROJECT
HAS BEEN ESTIMATED AT INR 1030
CRORES!**

HPCL operates one of the largest Lube refineries in India with annual production of around 335 TMT of various Grades of API Group-I LOBS having Sulphur above 300 ppm and saturates below 90%.

The value of Civil works which was contracted to Larsen & Toubro Limited (L&T) was approx. 35 Crores. The project was executed in a time span of 24 months with an estimated completion date of May 2010. The amount of rebar steel involved is 1050 MT.

**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 a record time. L&T's Mr Balaji Prakash E - Asst. Manager (Quantity Surveying) says: "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 & bent' facility to make the bars faster whilst at the same time significantly reducing scrap!

**ABOUT 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 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.

REBARCAD CUSTOMER:

Larsen & Toubro Limited (L&T ECC)

CLIENT/OWNER:

Hindustan Petroleum Corporation Limited (HPCL)

LOCATION:

Mumbai

REINFORCING STEEL USED:

1050 MT

DURATION OF PROJECT:

24 Months

COMPLETION DATE:

MAY 2010

VALUE OF CIVIL WORKS:

₹ 35 Crore

"Performance enhancement tools of RebarCAD are helping us multiply our productivity by an astounding factor."

Senthil Ganesh
Planning Engineer

