

SUNIL MAHTO

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Senior challenging positions in Construction Project Management, Leading Civil Design Teams, Design Coordination, Team Management with growth oriented organisations

PROFESSIONAL PROFILE

B.Tech. in Civil Engineering with over 25 years rich experience in Project Management, Site & Construction Management, EPC Projects, Contracts and Team Management, Leading Civil Design Teams, Design Coordination, Civil Design of Industrial structures and Project Planning. Worked as RCM (Jt GM) at Larsen Toubro Power, 2 x 660 MW Thermal Power Plant at Buxar. Earlier was **Project Director (Power Mech Projects Limited)** for AMTZ Project at Visakhapatnam. Previous to that I was **Site Head for 3 x 660 MW Power Plant at Koradi, Nagpur and Site Head for 2 x 660 MW at Khandwa (MP) at Larsen & Toubro, India.** Holding the distinction of managing diverse projects for Project Management, Design and Construction of Civil Industrial structures in a wide variety of Industries viz. Ports and Harbours, Power, Steel and Rocket Launch Pad Facilities. Excellent knowledge of Contract, Tendering and preparation of estimates for taking new projects. Astute manager with a flair for adopting modern project execution methodologies, systems in compliance with quality standards. Expertise in swiftly ramping up projects with competent cross-functional skills and on time execution using cost-effective solutions leading to increased productivity, decreased labour costs, and improved quality. Strong relationship management, communication skills with the ability to network with Project Members, Consultants, Contractors with consummate ease. Possess sound knowledge of designs as per latest Indian Standards, experienced with American/ British/ Canadian/ Chinese and Saudi Arabian standards.

ORGANISATIONAL EXPERIENCES

Jul'21 – Present	at Baseline Project Management Services LLP, Vadodara	Head- Operations
Jan'19 – Jun'21	at Larsen & Toubro Power, Buxar	Jt. GM and <i>Site Head</i>
Oct'17 – Jan'19	at Power Mech Projects Limited, Hyderabad, India	Project Director
Oct'09 – Sep'17	at Larsen & Toubro, Vadodara, India	Project Manager, <i>Site Head</i>
Oct'08 - Oct'09	at Bechtel India Private Limited, New Delhi	Senior Engineer
Feb'07 – Sep'08	at PEC-TECH, Indonesia & China	Lead Design Engineer
Dec'05 – Feb'07	at Essar Technology Centre (Essar Constructions), Hazira	Joint General Manager
Jun'88 – Dec'05	at MECON Limited, Ranchi, Rourkela and Goa	Sr. Design Engineer

The Growth Path

2021- Present	Head- Operations, Baseline Project Management Services LLP, Vadodara
2019 – 2021	Site Head, Buxar 2 x 660MW Thermal Power Project
2017 – 2018	Project Management, Project Director, AMTZ Project, Hyderabad and Visakhapatnam
2009 – 2017	Project Management, Site Head, <i>Head- Civil, Structural, Coordination, Project Controls</i> , Vadodara
2008 – 2009	Sr. Engineer, Delhi
2007 – 2008	Lead Civil Design Engineer, Indonesia & China

2005 – 2007	Joint General Manager, Hazira
2004 - 2005	Senior Manager, Ranchi
2003 - 2004	Senior Manager, Mormugao (Berth No. 5A and 6A at Vasco)
2002 - 2003	Manager, Mormugao (Berth No. 5A and 6A at Vasco)
1999 - 2002	Manager, Ranchi
1997 - 1999	Senior Design Engineer, Ranchi
1996 - 1997	Sr. Construction Engineer, Rourkela
1992 - 1996	Construction Engineer, Rourkela
1989 - 1992	Asst. Design Engineer, Ranchi
1988 - 1989	Management Trainee (T), Bokaro/ Ranchi

CORE COMPETENCIES

Project, Site & Construction Management

- Supervising all construction activities including coordination of site management activities.
- Interacting with Site Purchasers and Suppliers for achieving cost effective purchase of equipment, accessories, material with timely delivery so as to minimise project cost.
- Coordinating with Main Contractors, monitoring their performance in view of project schedule & settling all techno commercial disputes / clarifications during execution of project.
- Implementing QA / QC procedures, Total Quality Management principles and checks.
- Evaluating changes for time extension and variation costs and be able to assess requirements before commencement of work. Extending technical support for procurement.
- Preparing measurement and cost estimates/detailed breakdowns for changed / additional works, monthly progress measurement of all areas of the work.

Contract Management

- Completing pre-tender obligations like submitting pre-qualifications, study of contractual conditions, project cost analysis including considering cost impact of techno commercial conditions.
- Assessing contractual terms for secured projects, cost impact on the project, advising execution and billing team for non-spelled items.
- Managing contractual correspondence, raise and settle contractual claims with respect to cost and time.
- Preparing contract documents for various work items including contractual terms and conditions, technical specifications and commercial terms.

Team Management

- Responsible for team building and providing effective leadership to realize the potential of every member of team for quantifiable results & helping in career development of team members.

Design

- Conceptualising detailed project reports, Pre-Feasibility & Feasibility Studies after thorough discussion with clients, selection of sites.
- Establishing time span of project execution as per specifics.
- Monitoring project status during the course of periodic project review meetings.
- Evaluating designs; coordinating with Consultants and Sub Contractors for changes in the same.
- Designing of concrete structures like:
 - ❖ Berths for ships
 - ❖ Rocket Launch Pad Facilities
 - ❖ Piles, Diaphragm walls, Industrial Buildings, Structural Building Column Foundations, Pile Foundations, Compressor Foundations including dynamic analysis
 - ❖ Foundations for Steel Rolling mills, Foundations for Steel Melting Shop
 - ❖ Scale Pits, Overhead Water Tanks, Water Retaining Structures

- ❖ Underground Basements, Tunnels, and Foundations for Steel Chimneys, Civil Foundations and superstructure for Coke Oven Battery, Pusher Car Track, Flue Civil Structures for Coke Dry Cooling Plant
- ❖ Civil Structures for Coal Handling Plant, Design of concrete pavements

MAJOR PROJECTS HANDLED

2019-2021

- ❖ Site Head for 2x660 MW, Supercritical Thermal Power Plant, Buxar

2017-2018

- ❖ Project Management Services for AMTZ infrastructure project at Visakhapatnam

2009-2017

- ❖ Project Management, Site Services for 3x660 MW, 2 x 660 MW Supercritical Thermal Power Plant

2008-2009

- ❖ Design for Aluminium Smelter at Kitimat, Canada

2007-2008

- ❖ Design for Riau Andalan Pulp and Paper Mill, Indonesia- Expansion to 4 million ton per annum.
- ❖ Design and coordination for SSYMB-APRIL, Rizhao, China- Expansion to 1.5 million ton per annum.

2006

- ❖ Design and Detail Engineering of facilities for Steel Melting Shop, Oxygen Plant at Hazira for M/s Essar Steel Limited, Hazira
- ❖ Approval of Basic Engineering Drawings for 2200 cbm BF Complex at Hazira for M/s Essar Steel Limited. Engineering by BERIS, China.

2003-2005

Project Management

- ❖ **Civil Works for Construction of Berth 5A & 6A at Mormugao harbour for M/s SOUTH WEST PORT Limited (AN EPC PROJECT).**

Design and Detail Engineering

- ❖ M/s Jindal Vijaynagar Steel Limited at Tornagallu, Karnataka.
- ❖ M/s Jindal Steel and Power Limited at Raigarh, Chattisgarh.
- ❖ 262 cbm Mini-Blast Furnace Project for M/s SLR Steels, Karnataka.
- ❖ 262 cbm Mini-Blast Furnace project for M/s Neepaz Metalliks, Orissa.
- ❖ Coke Oven Battery No. 4 complex (including Coke dry cooling plant) at Visakhapatnam Steel Plant.
- ❖ Material handling package for M/s Euro Coke Private Ltd at Tornagallu, Karnataka.

1997-2002

Design and Detail Engineering

- ❖ Second Launch Pad Facilities at Sriharikota for Indian Space Research Organisation (ISRO SHAR-CENTRE) (AN EPC PROJECT).
- ❖ Coke Oven Complex for M/s Konark Metcoke Limited at Duburi (Orissa, India).
- ❖ Residential Complex at Karaikal (Tamil Nadu, India) for M/s ONGC.
- ❖ United Gulf Steel Rolling Mill at Al-Jubail, Kingdom of Saudi Arabia.

1992-1996

- ❖ Planning, Monitoring and Execution of Civil jobs of the Continuous Casting Plant-2 at Rourkela Steel Plant (Orissa, India) (AN EPC PROJECT) from Greenfield stage to Commissioning.
- ❖ Preparation of technical specifications, Design modifications at site, formulating solutions to design problems at site.

1989-1992

- ❖ Design of industrial Structures for the following Projects:
- ❖ Integrated Steels Limited at Wardha (Maharashtra, India) (A subsidiary of Lloyds Steel Industries Ltd.)
- ❖ Indian Government Mint at Hyderabad (India).
- ❖ Research Centre Imarat at Hyderabad (India).
- ❖ Powmex Steels Limited at Titilagarh (Orissa, India).
- ❖ Vendor Drawings approval for Basic Oxygen Furnace at Durgapur Steel Plant (Durgapur, India)

1988-1989

- ❖ Worked as one year as trainee (Technical) during which had extensive acquaintance with a variety of Industrial Structures at different Steel Plants in India (Bokaro Steel Plant, TISCO, Durgapur Steel plant, Rourkela Steel Plant).

FOREIGN ASSIGNMENTS

Deputed to

- ❖ M/s Saudi Designers & Consultants for 4 months (Dec'98 to Apr'99) at Dammam (Kingdom of Saudi Arabia) for Civil Design works for the United Gulf Steel Rolling Mill Project at Al-Jubail, Kingdom of Saudi Arabia. Here, design was carried out as per relevant American Standards.
- ❖ Trinidad & Tobago for 7 days (28-05-06 to 03-06-06) for feasibility studies for a Steel Plant at Point Lisas for Essar Steel.
- ❖ China for 12 days (07-06-06 to 20-06-06) for approval of Basic Engineering drawings for BF Complex at Hazira for Essar Steel.
- ❖ China for 6 days (27-11-06 to 3-12-06) for visit to CSP Plants at MASTEEL and JISCO.
- ❖ Worked at Riau Andalan Pulp and Paper Mill at Kerinci, Indonesia/ Rizhao, China.

TRAININGS

- 4 months orientation training at Bokaro Steel Plant where acquaintance was given to all the shops/units and machinery involved in Steel making.
- In MECON, attended a one week course on design of Machine Foundations conducted by Prof. S. Saini of Roorkee University.
- Attended a one week training programme on "Concrete Construction Management" conducted by National Council for Cement & Building Materials at New Delhi.
- Underwent a three day training programme on "Quality Assurance and Inspection in concrete Construction" conducted by Delhi Productivity Council at New Delhi.
- Attended a two day All India seminar on "Mass Concrete" conducted by Indian Concrete Institute at Nagpur.
- Short term course (5 day) at IIT Madras, Chennai on Deep Foundations for Infrastructure Projects.
- International Project and Program Management (IPPM) Course by University of Texas and L & T IPM.

ACADEMIC CREDENTIALS

B. Tech. (Civil Engineering) from IIT, Banaras Hindu University, Varanasi, India 1988.
International Project and Program Management Certification (The University Of Texas @ L & T IPM).

PROFESSIONAL AFFILIATIONS

- Member of Institution of Engineers (India).

I.T. SKILLS

Computer Aided Design

- ❖ Use of Software packages such as STAAD- PRO for Structural Analysis and Design.
- ❖ **AUTOCAD** for preparation of drawings.
- ❖ Windows environment including MS Office & MS Project.
- ❖ MATHCAD

PERSONAL DETAILS

Date of Birth	30 th November 1964
Linguistic Abilities	English, Hindi, Bengali
Passport Details	No. P3432568, Issued at Nagpur, India on 04.04.2017, Valid upto 03.04.2027