

A leading consultancy company

Univac Consulting Engineers

Registered Office : F 10, Industrial area, Udyog Nagar, Rohtak Road, New Delhi - 110041, India.
Website : www.univacgroup.com/steel-plant-consultant.html Email : univacgroup@gmail.com
Tel. : +91-11-4571 8480; Fax : +91-11-2525 7082. Mobile : +91-81304 71841, 88268 11892.



Company Profile



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INTRODUCTION

Univac Consulting Engineers is one of the leading consultancy company in the field of Steel Industry, established with an objective of providing consultancy, Engineering Design, Project Management, Construction, Supervision and Erection Commissioning.

A multi dimensional company have wide experience of providing diverse range of sustainable solutions in the field of Civil and Structural Engineering. A proven leader in the use of Computer Aided Design and Drafting (CADD), have adopted advanced computer technology to improve it's efficiency and productivity.

Univac Consulting Engineers have it's Registered / Corporate office in New Delhi, since 2001 and have Project offices spread across India at West Bengal, Andhra Pradesh, Uttar Pradesh and Gujarat with full time Engineering, Administrative and Technical support Staff. Our talented, experienced and highly skilled staff, shares a passion for professional excellence and sets high standard in offering services based upon innovation, commitment and client focus.

With our vast experience in the Steel Sector, we are fully capable of providing Total Turnkey Support for the Erection & installation of Complete Steel Making Plants ranging right from the Iron Ore to Sponge Iron Plants, Sponge Iron / Scrap to Billet Making Plants through Induction / Electric Arc Furnaces, Ladle Refinery Furnaces, Continuous Caster Machines and Steel Rolling Mill Plants with a capacity up to 60 M.T. per hour for Light / Medium / Heavy Section such as I-Beam, Channels, Angles, H-Beams, Rounds, TMT Bars, HSAW, LSAW Pipes for Oil & Gas Industries, Tower Line Transmission Products, Squares or any other desired End products and lastly but not the least Manganese Ore & Ferro Silicon & Ferro Manganese Plants.



SCOPE OF CONSULTANCY & ENGINEERING SERVICES :-

1. Selection of capacity and description of main plant and equipments.
2. To provide list of supplier of different plants & machineries.
3. Preparation and supply of lay out of plant.
4. Preparation of detailed CIVIL/RCC/STRUCTURAL design etc.
5. Assistance during selection of Plant & Machineries.
6. Specifying the requirement for Electrical high-tension Substation.
7. Scrutinizing the information submitted by the other agencies.
8. Time to time supervision by our team.
9. To provide Maintenance check list & preventive maintenance manual.
10. Assistance during the trial.



SCOPE OF ERECTION & COMMISSION WORK

1. Induction Furnace
2. Ladle Refining Furnace
3. Continuous Casting Machine
4. Cooling Towers
5. Pumps & Pipe Line
6. Compressor & Pipe Line
7. Softening D.M. Plant
8. All Equipments / Machines of Rolling Mill

VARIOUS SERVICES ON OFFER AS:

1. Project Studies
2. Site Surveys
3. Advisory Services
4. Land & Building
5. Design & Detail Engineering
6. Project Implementation
7. Management
8. Maintenance and Refurbishment
9. Management



Our Technical Team & Facilities

TECHNICAL EXCELLENCE & MANPOWER

Right quality & quantity of human resources is the key of any successful consultancy company. Univac Group has a strength of around 350 qualified and experienced staff with very high degree of competence, commitment, dedication & technical expertise that includes Civil, Mechanical, Electrical, Electronics and Metallurgical Engineers, Surveyors, Management Consultants, various categories of skilled and semi skilled work force and experts from relevant fields.

Our Staff are encouraged to sharpen further their professional abilities by.

- * Involvement in a wide range of products within the office.
- * Participation with professional organization and institutions.
- * Attendance at and contribution towards conferences and seminars
- * Involvement in further education on a full time basis.



CORE MANAGEMENT TEAM :

Our strong team of consultants form the nucleus of our successful endeavors. Comprising of experienced and knowledgeable professionals in the field of steel & engineering services, the members of our team takes all the strategic decisions by means of our engineering services to Industries They are leaders in themselves, who come from diverse backgrounds and reflect the true essence of an egalitarian management team.

Our core team carries both seasoned and young technocrats coming from Civil, Mechanical, Electrical, Electronics, Metallurgy and Finance discipline and have practical / hands on experience of working with both Government and Private sector steel, power & engineering projects. Besides our own team we also higher services of experts where we have limited knowledge for successful set up of the projects we undertake.

Mr. Ashok Srivastav : Managing Director

Mr. Ashok is a qualified Mechanical Engineer, have wide experience of working with reputed Engineering companies primarily with steel projects. Before joining, Univac board of directors, he has served India's leading consultancy companies in Steel, responsible to set up more than 50 projects in India and abroad at senior positions like Project Manager and General Manager. He carries 24 years hands on experience of working with Steel, Power, Engineering and related industries. He is regarded and known to be Master in Steel Melting Shop (SMS) & Steel Re-Rolling Mills. Over the years, he has also become iron and steel expert who incorporates cost-effective and environmentally friendly innovations into new plant designs as well as total modernization of aging plants.



He has truly mastered in the art of negotiating and selecting appropriate capacity of quality plant / equipments at the lowest cost, as per the requirement of the clients.

Mr. S. Choudhary : Director

A qualified Electrical Engineer with 23 years of experience of working with Steel Authority of India Ltd. Meacon Corporation, Rourkela steel plant and some other reputed steel companies. He has also served NTPC for 10 years before joining our core team as director. He looks after installation and erection job of the plant and equipments and help our clients up to final stage of production.

He is second in command after Mr. Ashok and also the back bone of our core team for setting up steel and power projects.

Mr. P. Chandra : Director

A qualified Civil engineer with more than 25 years experience in structural design of steel with Railway and various engineering plants. He has worked with government and private sector both at senior levels and looks after entire civil / structural work of the projects from site selection, land accusation, foundation to construction.

Mrs. Aradhana Sinha : Director

A Chartered Account and finance expert, She carries more than 23 years of valued experience in the field of project finance & consultancy business. She is the financial back bone of the company and responsible for the preparation of project reports, feasibility study and environmental clearances of the projects.

**Mr. Prashish Srivastav : Manager**

A qualified Civil Engineer carries 7 years of experience working with India's largest private sector company Reliance Industries in Project division. He is expert of project management & control (PMC), Drawing & Detailing and Steel structure building. He independently handle all our projects at site, supervise all the civil & structural works and also assists Mr. P. Chandra and shares project responsibilities with him.

Mr. Suryanshu Srivastav : Assistant Manager

A qualified Engineer and a young face of the company looks after all the purchases concerned to the projects. His prime responsibility to lower down the project cost by negotiating hard with suppliers of equipments and consumables. Coordinate with field staff and monitor Erection & Installation of equipments.

Mr. Ameer Rehman : Chief Executive SMS Projects A engineering graduate have 15 years hands on experience of working at senior positions in large steel Industries, mainly in the field of Erection and Commissioning of Induction Furnace & Continuous casting machines of SMS projects of various capacities. He heads the team of Erection & Commissioning at site. He also heads our operation / maintenance contracts at various plants run by our company. He has mastered the art of running the plants most economically without compromise with the quality. His expertise and technical skill helps us to achieve the highest output with minimum down time.

Mr. S. Chatterjee : Incharge, Production & Maintenance

A truly seasoned technician have sound knowledge of various steel formulation in manufacturing of steel and steel alloys.



A highly skilled person, have vast experience of working with large steel industries in India and abroad. He has worked for more than 20 years at junior level and as supervisor and foreman. He is truly a master, have thorough knowledge of manufacturing equipments of Steel Melting Shop and Re-Rolling Mills. He is capable of solving any problem related to production and repair of equipments.

Mr. R.K. Singh : Chief Exe. Rolling Mill Project

As a Chief Executive-Rolling Mill Project Mr. Sharma has an extensive experience of more then 21 years with expertise in Hot Rolling Mill Plants and is a part in various major projects for installation, amendments, erection and commissioning.

Other Skilled & Experienced Staff

Civil Engineers (Dip.)	: 02
Mechanical Engineers (Dip.)	: 03
Electrical Engineers	: 01
Metallurgical Engineers	: 01 (on contract)
Auto CAD Operator	: 05
Foreman	: 06
Supervisors	: 12
Electricians, Fitters	: 102
Welders, Gas cutters etc.	: 146
Semi skilled / Helpers	: 54



TECHNICAL FACILITIES :

A well furnished and well equipped office building space of 2000 square feet located at one of the costliest commercial location in New Delhi, the capital of India. Company also owns an Industrial plot of 450 Sq. Meter at Manesar, Gurgaon, Haryana for it's future expansion plan.

Univac Consulting Engineers has been at the forefront in the use of engineering computer programs developed for planning, design and project management and continues to actively develop and apply computer techniques to its operations. Univac currently has high configurations PCs and the most advanced Printing and drafting facilities with AO and A1 Plotters and Printers. The program applications available within the firm range from standard office suites through to specialist technical programs. The firm has established a computer based planning, design and drafting in the New Delhi office.

The most up-to-date techniques are employed throughout each stage of the project appropriate to each application. The MOSS Computer Modeling system has been combined, by S. Univac, with the in house CAD system to create a powerful package, which can be applied to solving a wide range of engineering and planning issues.



The List of Major Projects Executed

M/s. Jagdamba Ispat (P) Ltd.

Induction Furnace 2 X 3MT Consultancy & Engineering Services.
Erection of Furnace, 33KV Substation.
Operational contract of Plant.

M/s. Kamper Concast Ltd.

Induction Furnace 1 X 8MT 1 X 6MT
Consultancy. Erection of Furnace & 33KV Sub Station.
Production & Maintenance contract

M/s. Gangotri Steel Ltd.

Induction Furnace 1 X 3MT
2 X 4MT Erection of Furnace.

M/s. Mangal Sponge and Steel Pvt. Ltd

Induction Furnace, 2 x 12MT, CCM 6/11 radius
Consultancy & Engineering Services.
Erection of Furnace & CCM with L.T. Electricals.
Operational contract of Plant.

M/s. Nalwa Sponge Iron Ltd.

Induction Furnace 2 X 12MT
Erection of Furnace



API Ispat & Powertech (P) Ltd.

Raipur Induction Furnace 1 X 12MT with CCM 6/11 radius
Consultancy & Engineering Services.
Operational contract (Production)

M/s. Drolia Electrosteel (P) Ltd.

Induction Furnace with CCM 2 X 10MT 6/11 Radius,
Consultancy & Engineering Services.
Erection of Furnace & CCM.

M/s Valley Iron & Steel Co. Ltd.

Induction Furnace, 1 X 20MT, 1 X 5MT, Sintering Panel
Erection & Commissioning of Induction Furnace & Sintering Panel

M/s. Bhuwania Associates (P) Ltd.

Structural Rolling Mill 200 TPD
Consultancy & Engineering Services.

M/s Trimula Industries Ltd.

Induction Furnace 4 X 15MT with CCM 6/11 radius (3 Strand)
Consultancy, Installation of Induction Furnace, CCM & L.T. Electrical

M/s Super Smelters Ltd.

Induction Furnace 1 X 30MT with CCM 6/11 radius (3 Strand)
Consultancy, Installation of Induction Furnace

M/s Prayag Steel

Rolling Mills. - 25000 MT per year
Consultancy



M/s Zion Steels Ltd., Rourkela

Consultancy & Modernization of existing mill to roll stainless and special steels by addition of 4 strands. of 400 mm in H V configuration and 2 vertical stds. of 320 mm. Steel Rolling Mills

M/s Sterling Strips Ltd.

**Large diameter Pipes (HSAW Pipes) – 60,000 MT capacity
Consultancy & Erection – Commission**

M/s Pinnacle Infrastructure

**LSAW pipes –48,000 MT
Erection & Commissioning**



FOREIGN ASSIGNMENTS :

SAUDI ARAB

M/s SULB National Company

Induction Furnace 2 X 35MT with CCM 6/11 Meter radius, 70MT - LRF
Erection & Commissioning