



## **CHENNAI RADHA ENGINEERING WORKS (P) LTD.,**

Chennai Radha Engineering Works (P) Ltd., (CREW), an ISO:9001, EN 15085, ISO/TS 22163:2017, ISO:3834 & OHSAS 18001 certified company, established in the year 1984 as a Proprietor Company and subsequently registered as a Private limited Company in the year 2005.



## ABOUT US

Chennai Radha Engineering Works Pvt. Ltd (CREW), an ISO 9001, EN 15085, ISO/TS 22163 : 2017, ISO 3834, & OHSAS 18001 certified company, established in the year 1984 as a Proprietor Company and subsequently registered as a Private limited Company in the year 2005, CREW is being governed by its Chairman Mr. S. Venkatesan, Managing Director, Mr. V.R. Senthil Kumar, Directors Mrs. V. Padmavathy, Mrs. V. Radhaselvi, Mr. V.R. Ramu and is guided by experts of proven experience. We practise 5S Technique for Total Quality at the Work places.

Our annual turnover is INR 15 BILLION plus, with 10000 plus strong pan India workforce and functioning in a four storied Corporate office with a built up area of 69000 Sq.ft. in a plot of about 3 acres. We have established ourselves as one of the leading service providers in Bulk Material Handling systems by undertaking Operation and Maintenance (O & M) services as well as establishing projects on EPC & BOO Basis at major Thermal Power Plants and Ports in India. CREW stands tall and unique in the Operation and Maintenance of Coal Handling as well as Ash Handling systems of Thermal Power Plants and our commitment in maintaining schedule and quality has earned us a special place with our customers.

- Our O&M services, today caters to a coal handling capacity of more than 4,81,396 MT/day, apart from handling coal required for power generation of 28479 MW, thus making us a unique and a major player in the field.
- The core expertise gained in O & M has encouraged us to venture into Projects in Coal Unloading from the ship and Coal Loading into the ship across major ports of India. We forayed into taking up the first mechanised Coal Handling Project at VOC Port, Tuticorin on Build, Own and Operate basis and that would comply with the requirements of Environmental Regulation.
- We, further, have established ourselves as a force to reckon with in EPC contracts in the bulk material handling services not only in Power Plants but also in Ports in India.
- In the last three decades, we have set up a strong benchmark in O&M of material handling across India spreading our service across the several States of India. We forayed into overseas services also by setting up our overseas Subsidiary Company CREW O&M Services (Middle East) FZE Since 2017 .
- We have created a value chain in manufacturing and supply of various customised bulk material handling equipment such as Ship Unloaders, Wagon Loader, Stacker cum Reclaimer, Eccentric Disc Screen, Belt Tripper, Idlers, Pulleys, Flap gates, Vibrating Screen at our manufacturing facility at Vellivoyal Chavadi and Oragadam Chennai.
- We have designed, supplied and commissioned 2 nos. Ship Unloaders along with Conveyors including marine structures at VOC Port for TANGEDCO which was inaugurated by the Honourable Chief Minister of Tamilnadu, Mr. M.K. Stalin.
- For Bulk Handling of cargo, we have commissioned our fleet of Harbour Mobile Cranes sourced from Liebherr and Gottwald.
- In mining activities, we have deployed our own heavy machineries like surface miners for coal extraction, dumpers, excavators, dozer, grader and other handling equipment for overburden removal and coal production.
- Our quest for diversification has led us into taking up establishment of Power substations on EPC basis and taking up Electrical & Mechanical furnishing of coaches for the requirement of Indian Railways and Bharat Earth Movers Ltd.
- We are an approved bulk vendor for supply of parts and assemblies for rail coaches of Indian Railways.
- CREW has been assigned long-term rating "A" and the short-term rating "A1" by CRISIL
- CREW have been assigned rating "4A2" Good by Dun & Bradstreet.



# VISION & MISSION



## VISION

To be a Competent Leader in the current as well as future verticals by means of delivering Quality services to the targeted customer base and thereby creating a value chain in the Market.

## MISSION

- Establishing well defined Goals across Top and Middle Level Management.
- Synergizing Management and Engineering Teams in phase with demanded results.
- Ensuring a priority on Transforming Skill and Attitude levels of the employees
- Enhancement of the internal systems and staff to be quality and time sensitive.
- Adapting the organization to be open for technology improvement by keeping abreast of the latest technological developments.
- Ensuring the finest quality in services in terms of machineries & manpower.

35+

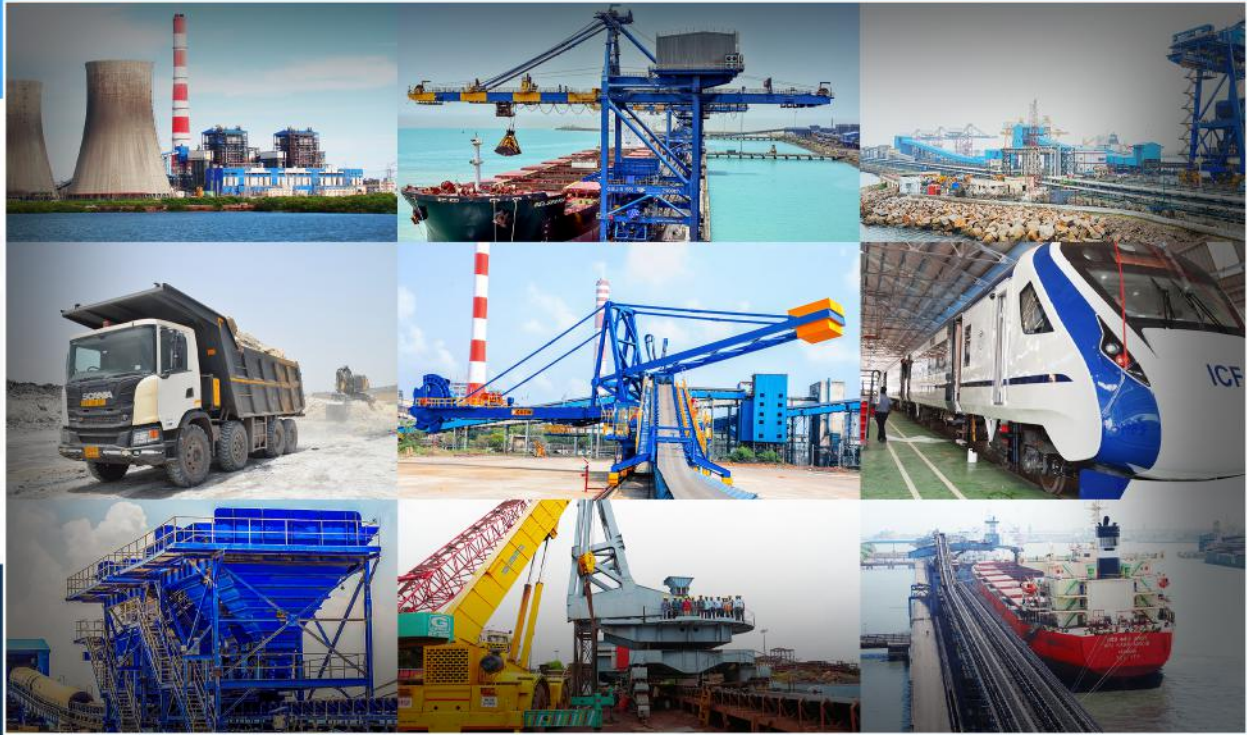
YEARS OF  
EXCELLENCE

25+

WORK  
SITES

10000+

EMPLOYEES



## SERVICES OFFERED

- Execution of Projects of Material Handling Plants for coal, pet coke, fly ash, etc on EPC/BOO basis.
- Supply of Material Handling Equipment and accessories such as Ship Unloaders, Stacker cum Reclaimer, Wagon Loader, Wagon Tippler, Eccentric Disc screens, Pontoon, Trippers, Plough feeder, Scraper feeder, Belt Trippers, Idlers, Pulleys, Flap Gates, Flow Divider, Vibrating Screen etc.
- Establishment of 230/110 KV & 33/11 KV Substations on EPC basis.
- Operation and Maintenance of Coal Handling Plants (CHP), Ash Handling Plants (AHP) and Aggregate Handling Plants.
- Loading / Unloading of shipments at Major Ports of India.
- Operation and Maintenance of Electrical, Mechanical and Automation of CW Pumps, HT and LT Panel, Generator Valves, Pipelines, etc...
- Carrying out complete Electrical and Automation works such as installation of HT Equipment like 25KV Transformer, Traction Convertor, Electrical Control Cabinet, Vacuum Circuit Breaker, Auxiliary Convertor, and Cable Laying.
- Manufacture and Supply of complete Shell Kit and other fabricated items for Rail Coaches of Indian Railways.
- Interior Design, Supply and Installation of Furnishing items, commissioning and Test Run of Vistadome Car Body (Tourism Car Body), Installation of Equipment, furnishing of coaches, complete wiring (Power & Control) and testing works in Vande Bharath (Train 18), Metro Coaches, AC/DC EMU Motor & Trailer coaches Self-Propelled Inspection Car, Dinning car and G.M inspection Cars for Indian Railways at ICF, Chennai, ALSTOM (SRICITY) and BEML, Bengaluru.
- Installation, commissioning and test run of Engine system and accessories for Diesel Engine Tower Car.
- Excavation and transportation of overburden and coal at Mines by deploying our captive surface miners, Dumpers, excavators and other handling equipment.



## Quality System Accrediation

We are certified for ISO 9001, EN 15085, ISO/TS 22163: 2017, ISO 3834, & OHSAS 18001 Quality systems



## Quality Policy

We are committed to meet the specific requirements of the customers to achieve customer satisfaction. We sustain our efforts for continuous improvement, technical expertise and human excellence by adapting total quality management in all the spheres of the organisation's activities and to maximise gross margin to be shared amongst stakeholders.

## Research & Development

The core activities of the company's Operation, Research and Development are directed at:

- Enhancing the efficiency, throughput and productivity in coal handling and preparation plants
- Identifying the most economical process through systematic investigations of operational parameters
- System improvements to increase productivity and process yield.
- Increasing System reliability and availability through scheduled plant maintenance
- Identifying and assessing emerging technologies in international arena for application to coal processing and transportation.

## Industrial Relation & Employee Retention

CREW's approach to industrial relations gives appropriate consideration to the operational circumstances, including clients' preferences. We have experience in using a number of industrial agreements, including collective and individual agreements, which have yielded positive working relations and avoided adverse impacts on project deliverables, or our operational capacity. For example, we run a leaner organisational structure, providing operators who are also fully qualified to undertake plant maintenance, resulting in reduced labour overheads. There is no high residual maintenance crew on site. CREW has conducted independent benchmarking of staff retention in comparison with similar operations.

Our target is to remain the upper quartile which ensures skilled staff retention without sacrificing competitiveness. CREW sees it as critical to maintain this position to ensure low turnover of skilled staff.





## Health, Safety and Environment

CREW's management tool for Safety is Health, Safety and Environment management system (HSE management system). In offering our services, we work towards optimization of the life cycle costs and demonstrate excellence in every inch as predefined deliverables according to the guidelines of OEMs to develop operation and maintenance practices so as to meet the plant performance requirements. Besides, our reporting system, both to our management as well as to the Client, provides complete update on the health and performance of the plant and systems. Thus, Safety, Availability and Efficiency Parameters form our basis for our deliverables. Embedded in such systems is our approach to safety and up keep of equipment, maintenance planning, outage planning, planning for spares, etc.

We are committed to providing a culture of safe & Healthy environment for all employees, subcontractors and visitors as a fundamental business principle. Our objectives are achieved through a concerted effort by all managers, employees, consultants, contractors and suppliers in the implementation of these policies. Wherever a safer way of doing things is highlighted, we embrace it and implement into our system.



## Group Companies

We, Chennai Radha Engineering Works Pvt Ltd (CREW), Indian Multinational Company with PAN India advantage, started spreading our diversifications in the segments like Software Development and Bio-Tech according to the upcoming market dynamics.



### SOFTWARE VERTICAL – INTERLACE INDIA (P) LTD

Interlace India is a group company of CREW (P) Ltd which undertakes software as well as System Integration Services in the Market which started functioning from the year 2007. The state of the art infrastructure, well defined practices, Quality Standards in terms of CMM Level and the competent in-house experts from multi domains are taking Interlace as one of the competent players in the market from one in this segment.

📍 #9/D12, Sipcot IT Park, Siruseri, Chennai - 603 103, Tamil Nadu.

☎ +91 44 4741 4600

✉ info@interlaceindia.com

🌐 <https://www.interlaceindia.com/>

### AFFIGENIX BIOSOLUTIONS (P) LTD

Affigenix Bio solutions Private Limited is an emerging life science company in the CREW Group that provides customized bio solutions to Biopharma, Biotech, Food and Agriculture companies and in parallel focuses on developing therapeutic and diagnostic products to metabolic, autoimmune, oncology and targeted tropical diseases.

📍 #265/1F, KSSIDC Industrial area, Bommasandra, Anekal Taluk, Bangalore - 560099, Karnataka.

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## Partners in Progress

			ALSTOM				
	adani		Port of Fujairah 	KONE	FLSMIDTH	NTECL	
				TATA			
steag			JINDAL STEEL & POWER	IL&FS TAMILNADU PORT			AVANTHA
			NGSL NTPC and GE Joint Venture				

## Engineering Collaboration



## Consultants





## Awards



### The Special Jury Award

CREW (P) Ltd participated in the National Conference on Workforce Diversity at one of the Premier B Schools of the country, Xavier Institute of Management, Bhubaneswar from 18th to 20th Feb, 2011.

CREW (P) Ltd Team presented a Case Study on Workforce Diversity governed by the core values of the Company which attracted the attention & acclaim from industry experts and Academicians from premier B Schools.

As a token of recognizing the deserved excellence and best work force diversity practices, CREW was awarded "The Special Jury Award" in the above National Conference.

### Best Medium Scale Industry Award

Enterprise Odisha is one of the biggest Industrial Trade Fairs which is organized every year by Confederation of Indian Industry (CII) and Govt. of Odisha.

The 16th Enterprise Odisha was organized in Bhubaneswar from 25th to 29th Nov, 2011 wherein nearly 130 companies had participated.

Chennai Radha Engineering Works (P) Ltd participated in the 16th Enterprise Odisha and displayed the Miniature Model of Bulk Material Handling Conveyor Systems along with the various Training & Development and Skill Development initiatives of the Company and won "The Best Medium Scale Industry Award" for its untiring efforts in various excellence initiatives in alignment to the Slogan of CII for the Year 2011 "Business for Livelihood".







## Client Appreciation

- Best Operation and Maintenance operator award, Best HMC Operator award and also got best housekeeping award during 2023 for the year 2022 – 23 and honoured with a shield and certificate by the Paradip Port Authority during the grant celebration of “Annual Award Nite” .
- Received First Prize Trophy as the “Best Contractor OCM” for HEMM OCP Group other than Mega Project in the Annual Coal Mines Safety Award of 2022-23 at SECL HQ, Bilaspur in presence of CMD/ SECL, DGMS, MD, CGSPGC, NTPC Higher Officials and All Private Miners for the contract under execution at JOCP Mines/SECL.
- Received the first prize for “Overall Performance of Opencast mines” among all the SECL open cast mining contractors for the financial year 2022-23 on the foundation day celebration at SECL Bilaspur Headquarters for achieving 146% production at Amlai site from the Chairman cum Managing Director/ SECL.
- Created a new national record of handling 2,45,100 MT of coal in 24 hours on 21.10.2019 at Adani Mundra Port, Gujarat
- Honourable Minister for Road Transport, Highways and Shipping, Govt. of India, Mr.Nitin Gadkariji, had given an appreciation letter to the Chairman of PPT congratulating the entire team for the enhancement of productivity from 1370 MT/hr to 1950MT/hr and reducing the vessel turnaround time from 97 hours to 56 hours under the “Sagarmala Programme”
- On our outstanding performance on O&M of coal handling system at North Chennai thermal power station, TANGEDCO had got cumulative rebate charges from Kamarajar port on year on basis and had saved Rs.436 Crores by rebate charges.
- Received commendation certificate and cash incentive of Rs.3.5 lakhs awarded by the Respected Chairman and Managing director, TANGEDCO & TNEB Ltd Mr. Rajeev Ranjan I.A.S to CREW for the achievement of successfully commissioning the conveyor system of capacity 1500TPH at an elevation of more than 40 meters on EPC basis on war footing basis in 15 days and completing ahead of the schedule during the period of peak power crisis in Tamil Nadu.
- Sanjay Gandhi Thermal Power Station congratulated CREW for their efficiency in O&M services that resulted in the plant’s first time achievement of 100% PLF in operation.
- Integral Coach Factory, Chennai had complimented that they were able to turn out 5MVRC rakes per month with CREW’s total involvement in their assignment and in the word of our client “There is every likelihood of our factory being considered for making into the Guinness Book of World record for the production of 5 rakes per month”
- CREW came to the rescue of NTPC-TNEB Tamil Nadu Energy Company Ltd (NTPCL) in restoration of conveyor system that was part of Ship unloading system which got extensively damaged due to fire accident. The system was brought back into operation mode within 40 Hrs.
- CREW received appreciation from CMWSSB for restoration of crucial pumping system at Vadakuthu within 9 Hrs to bring back the water supply system of 180MLD capacity New Veeranam Project supplying water to Chennai from Veeranam Lake.
- BALCO had praised the excellent work carried out by CREW during the break down in ESP Ash Evacuation control system of unit 3& 4 of their Power Plant. The operation was carried out in manual mode relentlessly to evacuate the hoppers and keep the boilers running for more than 8Hrs till the system was restored to normal mode.



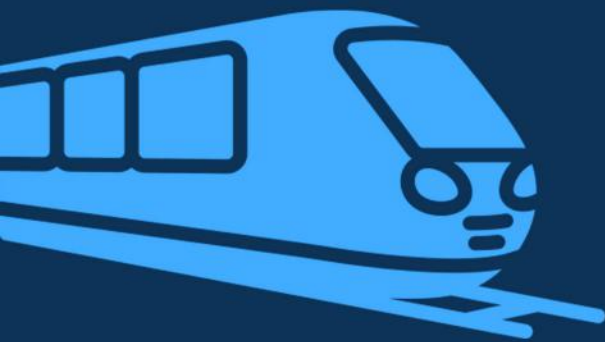
# RAIL COACH DIVISION

Excellence & innovation  
Built into Railways

## VISTADOME The Tourist Car

The Pride Moment of CREW

- VISTADOME COACHES are manufactured with full interior design, installed, furnished, tested & commissioned by CREW
- Successfully completing the tests & trials of RDSO by hitting the 180 KMPH speed, it has grabbed the praises of many hon'ble citizens.



- MAJOR MACHINERY DEPLOYMENT
- TESTING EQUIPMENT
- MAJOR TYPES OF COACHES
- RAIL PRODUCTS IN OUR RANGE OF PRODUCTION
- FURNISHING ACTIVITIES

## VANDE BHARAT

- VISTADOME COACHES are manufactured with full interior design, installed, furnished, tested & commissioned by CREW
- Successfully completing the tests & trials of RDSO by hitting the 180 KMPH speed, it has grabbed the praises of many hon'ble citizens.





# MINING DIVISION



## "WHO WE ARE"

- We are a INR 15,010 Million turnover company (FY 2022-23).
- 7 Plus years of dedicated Mining Operations.
- Workplace for over 600 plus highly trained, talented, skilled team members and the numbers are moving north.
- 10 Plus ongoing projects for leading PAN India clientele.
- Endowed with complete infrastructure comprising of latest model of 300 plus mining equipment of leading brands.

## CURRENT MINING PROJECTS



### Jagannathpur Open Cast Project (JOCP)

Excavation of Overburden & Coal.

Daily throughput : OB 1,07,000 CuM + Coal 10,000 MT



### Amlai open Cast Project (AOCP)

Excavation of Overburden.

Daily throughput : 40,000 CuM



### Lajkura Open Cast Project (LOCP)

Excavation of Coal by deploying Surface Miner.

Daily throughput : 10,000 CuM



### Tetulmari Open Cast Project (TOCP)

Excavation of Overburden & Coal.

Daily throughput : OB 12,010 CuM + Coal 2500 MT



#### **CORPORATE OFFICE**

#9/D-12, Sipcot IT Park, Siruseri,  
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#### **REGISTERED OFFICE**

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#### **REGIONAL OFFICE**

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