



**KHENCO**

# *Khurana Engineering Company*

## Company Profile

Khurana Engineering Company was incorporated in the year 1958 with the ideology of establishing as a pioneer in erection of plant equipments to diversified engineering across India. Over the years the company has established itself, its name and fame, with all public and private sectors in India. The company has experienced technologists and engineers who have successfully implemented mega projects.

Company has successfully commissioned mega projects within the completion schedule. To our desk we have endless number of satisfied clients and customers. The company's self appraisal and ratings given by our clients, itself reveals the worthiness, where technology & timely execution is the key to company's success.

We are also looking for openings in different sectors of manufacturing-machineries, machine parts and other areas with our past and present experiences. Capacity, Capability, workmanship and sustained hard work are the word of mouth for being in the good books of our different clients and satisfied customers.

The company has a long philosophy of timed execution, quality control and successful project management, exhibiting success in the most difficult situations. Backed with team of enriched knowledge in various sectors and complete Customer Relationship Management is what leads good managerial relations with clients and customers.

KHURANA ENGINEERING COMPANY is looking forward to be associated and work for opportunities for better business relations and long term associations.

# Innovations, Technology and Expertise...

We have successfully commissioned many units at different locations in our country, to name a few jobs which have been done by us:

## **Erection & commissioning of Equipments:**

1. Bell type Annealing Furnace, Electrolytic cleaning line, Continuous cleaning & Annealing Line, Equipment's of Sinter plant, & Additional Coil Yard, at Bokaro Steel plant.
2. Argon Separation Unit & Erection of E.O.T. Cranes, at Bokaro Steel plant.
3. Material handling facilities like Conveyors, Wagon, Tipplers, Crushers and Screening plants etc. Argon Recovery Unit in Oxygen Plant, at Bokaro Steel plant.
4. Sophisticated Machineries like Roll grinding machines, Turbines-Exhausters, Boilers, Vegetable Oil mill etc. & H P Nitrogen Plant at IOCL Panipat.
5. Oxygen, Air & CNG Compressors at New Delhi.
6. Erection of different E.O.T. Cranes of cumulative weight of 1000 MT at USHA Martin site, Jamshedpur.
7. Dismantling Span extension, modification & re- erection of E.O.T Crane 400MT at TATA Ryerson Ltd.
8. Erection & Installation of BFG Fired Boiler with Chimney-----3 Nos.

## **Erection & Commissioning of Pollution Control system**

1. Electro Static Precipitator (ESP) in Blast Furnace, Thermal Power & Captive Power plants ----Approx.-25,000 MT.
2. C.N.G. Compressors at New Delhi

## **Fabrication, Erection & Commissioning of Pipe Lines:**

1. Oxygen & Nitrogen pipelines.
2. High-pressure pipelines (Grease & Hydraulic)
3. Slurry pipelines with Jet cleaning system.
4. High-pressure water lines for refineries.
5. Air Lines.
6. Liquid oxygen lines
7. S.S. pipelines/ Tubing for CNG Station
8. MDPE & GI pipelines for CNG Network in City Gas , New Delhi
9. MS Pipeline hooking for CNG compressor for Inder Prastha Gas Ltd. at New Delhi.
10. IBR Steam Piping

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## List of Tools & Machineries

1. Welding Rectifier 600Amp ( <i>ESAB</i> )	20 Nos.
2. Welding Transformers 400Amp ( <i>ESAB</i> )	12 Nos.
3. Welding Transformers 400Amp ( <i>Advani</i> )	02 Nos.
4. Welding Generators ( <i>Advani</i> )	02 Nos.
5. Welding Generators ( <i>Kirloskar</i> )	02 Nos.
6. CO2-MIG Welding Machines 400 Amps ( <i>ESAB</i> )	02 Nos.
7. CO2-MIG Welding Machines 600 Amps ( <i>ESAB</i> )	01 Nos.
8. Welding power Generators 62.5 KVA	04 Nos.
9. Electric Winches ( <i>5Ton, 8Ton &amp;10Ton</i> )	08 Nos.
10. Mechanical Winches ( <i>5 Ton</i> )	02 Nos.
11. Gas Cutting sets & Pug Cutting sets	24&12 Nos.
12. Table Grinders	02 Nos.
13. Angle Grinding machines	12 Nos.
14. Portable Drill machines with magnetic stand	06 Nos.
15. Stand Drill machines <i>25.4/40mm</i>	02 Nos.
16. Level instrument &Theodolite	01 Set
17. Hydraulic Jacks different capacity ( <i>5 T, 10T, 50T, 100T</i> )	12 Nos.
18. Plate Bending/Rolling machines ( <i>12 mm X 2000mm, 16mmX2000mm, 20X2000mm, 25mmX2500mm</i> )	04 Nos.
19. Pipe Bending machine upto 80 mm	01No.
20. Hydraulic Cranes ( <i>Escorts</i> ) ( <i>8 Ton, 10 Ton, 12 Ton, 12Ton</i> )	04 Nos.
21. Tippers	2Nos.
22. JCB-4D ( <i>back hoe Loader cum excavator</i> )	1No.
23. Loaders (JCB 430Z)	2Nos.
24. Poclair ( <i>Excavator L &amp; T CK-90-3</i> ) ( <i>For Civil Engineering Jobs</i> )	01 No.
25. Trailer &Truck ( <i>attached on long term hire basis</i> )	01 No.
26. Hydraulic telescopic boom 20 Ton Crane <i>with 31.5 meter main boom &amp; 8 mtr. Fly Jib</i> <i>Make-Tadano Japan</i>	01 No.
27. Hydraulic telescopic boom 55 Ton Crane <i>with 34 meter main boom &amp; 8 mtr. Fly Jib</i> <i>Make-Leiber (attached on long term hire basis)</i>	1No.
28. Hydraulic telescopic boom 70 Ton Crane <i>with 45 meter main boom &amp; 23 mtr. Fly Jib</i> <i>Make-Leiber (attached on long term hire basis)</i>	1No.

# Khurana Engineering Company

## Fabrication & Erection work since 1959:

Company came into operation with “Erection of equipment (Mech.)”, structural, pipe lines and other works in the year 1959 from Durgapur steel plant.

1. Erection of Structures at *Durgapur Steel Plant.* 1959-1968
2. Erection of Structures, Pipe line at *Alloy Steel Plant.* 1960-1965
3. Erection of Pipe line and equipments - *Fertilizer Plant* 1960-1968
4. Ennore Fertilizer Plant--*Chennai*  
*for Simon Carves Ltd. (UK)* 1960-1961
5. Rishra Chemical Plant, Rishra (WB)  
*for Simon Carves Ltd (UK)* 1960
6. Bokaro Steel Plant, SAIL, Bokaro Steel City  
Various Zones of the Plant 1969-2001
7. **Thermal Power Project** 1976-1977
  - i. **OBRA Thermal Power Project**  
*Ball Mills, Electrostatic Precipitator, Ducting*  
*And Equipments*
  - ii. **Vindyachal Super Thermal Power Project for N.T.P.C**  
*Main building, Bunker and Transfer Towers.* 1985-1988
8. **Neyveli Lignite Corporation, Neyveli, Tamil Nadu**  
*Erection, Testing and commissioning of Oxygen compressor*  
*Including Mechanical, Electrical, and instrumentation work*  
*for Sulzer India Limited, Pune.* 1996-1996
9. **Longest Heaviest Conveyor in India,** 1975-1976  
**Visakhapatnam**  
Outer Harbor Project for M/S Garden Reach Work Shops Ltd.  
Designed by M/S Nippon Conveyors Co. Ltd, Japan  
Total Length (12 Conveyors) = 9 Km.  
Carrying Capacity = 8000 Ton per Hour

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## Fabrication & Erection Work Executed From 1959

- |     |   |           |
|-----|---|-----------|
| 11. | I.O.C.L. Panipat  | 1992-1995 |
|     | i. Nitrogen Plant in Oil refiner for BHPV.  |           |
|     | ii. Utility Pipe Line for Stewards and Lloyd  |           |
|     | ii. Reactor & Regenerator Plant BHPV.   |           |
| 12. | <b>Equipment Manufacturing for Rourkela Steel Plant, Rourkela</b>   | 1996      |
|     | Supply of Stone Hopper Discharging Table Roller Of Kiln's for Engineering Projects India Kolkata.   |           |
| 13. | <b>I.O.C.L. Baroda</b>  | 1999      |
|     | Refurbishing of column trays and internals.   |           |
| 14. | <b>Indraprastha gas Limited. New Delhi since</b>  | 2000      |
|     | <i>Erection, Commissioning &amp; Testing of CNG Compressors at the various Petrol Pumps at Delhi, SS Tubing, and City Gas distribution project with complete working experience in laying, testing, and commissioning of MDPE and GI pipelines.</i> |           |
| 15. | <b>Bokaro Steel Plant, SAIL, Bokaro</b>   | 2002      |
|     | <i>Replacement of Rinse Tank in Hydro cleaning line (Picking Line No. 2) Cold Rolling Mill Area, Bokaro Steel Plant.</i>  |           |
|     | Turnkey project procurement of Refractory Bricks, Resins And implementation of Butyl Rubber.  |           |
| 16. | <b>Sulzer India Ltd.</b>  | 2002      |
|     | <i>Erection &amp; Commissioning of Sulzer Compressor along with SS Tubing.</i>  |           |
| 17. | Erection of "Coil Packaging Line" at CRM, TATA Steel (500 Ton)  | 2000      |
| 18. | Supply & Erection of "Ladle Heating Furnace" at LD-1, TATA Steel (2 Nos.-800 Ton)   | 2004      |
| 19. | Fabrication & Erection of Chimneys of height 73M (2 Nos.-350 Ton)   | 2006-2007 |
| 20. | Secondary Emission Control System at LD-1, TATA Steel   |           |
|     | <i>(i.e. Chimney, Ducting, Equipment, etc. – 2000 Ton)</i>  | 2007-2008 |

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## Job Profile

### Details of Work Done

1. **Bokaro Steel Plant** ----- Zone wise detail of work
  - i. **RRMP Zone**
    - a. Stackers ( Supplied by TRF )
    - b. Wagon Tipper, Conveyor system, Pipe Line and Pumps
    - c. Refurbishing of ESP
    - d. Erection of Bag Filter
  - ii. **Blast Furnace**
    - a. Fabrication & Erection of Electrostatic Precipitator
    - b. Vulcanizing of Belt for Conveyors
  - iii. **Coke Oven**
    - a. Erection of Sulphuric Acid Plant ( MECON )
    - b. Ammonia Stripping Plant ( TTG, Chennai )
    - c. Erection of Pusher car ( HEC )
    - d. Rebuilding of Coke Oven Battery Including Refectories
  - iv. **Power Plant**
    - a. Erection of 10 Nos. Electrostatic Precipitator (ABB Alstom)
    - b. Erection of 4 Nos. ESP ( Kirloskar AAF )
  - v. **Cold Rolling Mill**
    - a. Bell Annealing Furnace (Engineering Project (I) Ltd.)
    - b. Electrolytic Cleaning Line (E.P.I.)
    - c. Continuous Cleaning & Annealing Line (E.P.I.)
    - d. Roll Grinding Machine ( Gustine ITALY )
  - vi. **Sintering Plant**
    - a. Sinter Bend III Fans Ducting, Equipments
    - b. Flux Storage & Crushing System ( HEC )
    - c. ESP 2 Nos. ( Flakt India )
  - vii. **Steel Melting C.C.D.**
    - a. Erection of Ladle Turret ( L&T )
  - viii. **Oxygen Plant**
    - a. Erection of ASU – V ( BHPV )
    - b. Erection of ARU – IV ( BHPV )
    - c. Erection of DM Water Plant ( BHPV )

## 2. **Thermal Power Projects**

### i. **COBRA Super Thermal Power Plant**

- a. Erection of Bawl Mill ( BHEL )
- b. Erection of ESP ( BHEL )

### ii. **NTPC Super Thermal Power Plant**

- a. Erection of Main Building, Transfer Tower ( HSCL )

## 3. **Neyvelli Lignite Ltd.**

- a. Erection of Oxygen Compressor ( SULZER )

## 4. **TISCO Jamshedpur**

1. Fabrication & Erection of Lime & Dolo Kiln --3 Nos.  
Complete job in all respect including structural and equipment erection, piping, etc.
2. All equipment in connection with COBP Project TISCO including erection of exhaustor and steam turbines.
3. All piping works including steam pipes (IBR)
4. Under ground Hume piping including civil works i.e., excavation, modification of pipes as per site condition, dismantling of R.C.C. concrete, rock breaking, etc.
5. Civil works – R.C.C. works roads, main hole drains retaining walls, etc.
6. Fabrication & Erection of 6<sup>th</sup> Lime Klin-through Tata C & P Ltd.
7. Hearth Shell Drilling- Blast Furnace “G”
8. Erection of wet ESP at GCP – 1, Blast Furnace-
9. Replacement of table “B” during major shutdown at RM-2
10. Emergency work of Fabrication & Erection of 1800 dia BF & FG Main gas line connection with Battery No.:8, Coke Oven
11. Erection and alignment of vertical pump – motor at river Pump – house.
12. Modification of side blow pipe, manufacturing of Former and Replacement of Lorry Truck rail - Blast Furnaces.
13. Replacement of Boggy – 4 Nos., wagon tripler, coke oven  
Fabrication & Erection of Ladle Heating Furnace in LD#1 (SMS India Pvt. Ltd.-2Nos.)
14. Erection of Equipments, M.S, Nitrogen& Steam Pipe Lines, By-Product plant ,Tata Steel
15. Erection of Equipments, Coil Packaging (INDOMAG)

**5. Usha Martin Ltd., Jamshedpur**

1. Fabrication & Erection of Gas Cooler ---- Complete work involving 59000 inch/mtrs of 600 NB piping along with Technological Structural's
2. Erection of large dia Cool Duct / Piping
3. Erection of EOT Cranes
4. Fabrication & Erection of large dia upto 3600 dia piping Work.

**6. SMS Demag (P) Ltd., Tata Steel Jamshedpur**

1. Large dia piping work for secondary emission control system
2. Erection of Laddle Heating Furnace ----- Complete Erection Along with Air, Water & Nitrogen piping work

**7. JSPL, Patratu**

1. Supply & Erection of Stack ( In Progress )
2. Erection of Re-Heating Furnace complete with piping ( In Progress )

**8. Rourkela Steel Plant**

- a. Manufacturing & supply of Stone Hopper ( EPI )
- b. Erection of Unit 3.2 Roll Changing System ( BTS )
- c. Erection, Testing and commissioning of Roll grinding Machine, Salt Scraper, Walking Beam conveyor, chain coil conveyor, Chock Changer, Coil Tilter.

**9. Hind Motors**

- a. Control Assembly of Chain Conveyor (HIL)
- b. 6 walking beam conveyor, Coil Tilter, Chock Changer.
- c. Assembly of coil box, Salt Scrapper.

**10. IOCL Panipat**

- a. Erection of Nitrogen Plant ( BHPV )
- b. Utility Pipe Line ( STEWARDS & LLOYD )
- c. Erection of Reactor Regenerator ( BHPV )

**11. IOCL Vadodra**

- a. Dismantling & Installation of Column internals ( Sulzer )

**12. Indraprastha Gas Limited, Delhi**

- a. Erection & Maintenance of CNG Compressors ( SULZER )
- b. MDPE and GI Pipeline for City Gas Project ( IGL )

**13. Sulzer India Ltd.**

- a. Operation & Maintenance of CNG Compressors 17 Nos. (255 Sm<sup>3</sup> capacity), 08 Nos. (600 Sm<sup>3</sup> capacity) for IGL operation at various locations all over Delhi, 06 Nos. Gas engine driven CNG Compressors (400 Sm<sup>3</sup> capacity )
- b. Installation of Column internals in Vacuum Distillation Unit at IOCL, Panipat Refinery.

**14. Green Gas Limited, U.P.**

- a. CNG Station at AGRA Transport Nagar, AGRA

On several occasions due to innovative work at site we have been able to save valuable foreign exchange for Bokaro Steel Plant, which would have otherwise been spent on deputation of foreign specialists.

Considering the enclosed credential in a positive spirit and our recent performance, judiciously judging, our capability workmanship organizational back up expertise for accepting challenges. We would be grateful if we are given an opportunity to work under you. We are enclosing the relevant documents pertaining to our Company for your kind perusal. Should you require any further information / clarifications relating to our firm, we would be pleased to reply any kind of query.

Thanking you & Assuring you of best services at all times, we remain.

Yours Faithfully,  
For Khurana Engineering Company

(S.S Uppal)  
Partner

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