

- 1. BRIEF BACKGROUND OF THE COMPANY.
- 2. ORGANISATIONAL SETUP.
- 3. <u>DIC REGISTRATION CERTIFICATE & CERTIFICATE OF INCORPORATION.</u>
- 4. LIST OF PLANT & MACHINERIES.
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- **6.** PHOTOGRAPHS OF MAJOR JOBS EXECUTED.

BREIF BACKGROUND OF THE COMPANY

THIS UNIT WAS PROMOTED AND ESTABLISHED IN THE YEAR 1969 BY SHRI JAGDISH KUMAR BEHERA. A GRADUATE MECHANICAL ENGEENER.

THIS ENGINEERING UNIT HAS SPECIALISATION IN ALLTPES OF HEAT TREATMENT, EQUIPMENT & STRUCTURAL FABRICATION INCLUDING PRECISION MACHINING. THIS SSI UNIT HAS THE ADVANTAGE OF ALL THIS FACILITIES UNDER ONE COMPLEX. OUR HEAT TREATMENT FURNACES AND ITS ACCESSOARIES HAVE BEEN CERTIFIED BY Lloyd's Register of Shipping & EXTERNAL CALIBRATING AGENCY. THE 50 MT. FURANCE IS A SEMI AUTOMATIC BOGIE HEARTH OIL FIRED FURANCE. THE ONLY ONE OF ITS KIND AND CAPACITY WITH CONTROLS AVAILABLE IN EASTERN INDIA.

WE ARE REGISTERED WITH ROURKELA STEEL PLANT, M/S LARSEN & TOUBRO LIMITED, M/S.OTTO INDIA (P) LIMITED, M/S. HARI MACHINES LIMITED, M/S. GULF OIL CORPORATION LTD, M/S. TAYO ROLLS LIMITED, JAMSHEDPUR, M/S.ACC NIHON, NAGPUR, M/S. V.I.S.L. BHADRAVATI, AND HINDALCO LTD, HIRAKUD FOR FABRICATION, HEAT TREATMENT & MACHINING.

WE HAVE ALSO THE SUPPORT OF VERY EXPERIENCED MECHANICAL ENGINEER IN MR. SUSANT CHANDRA DAS, EX-GENERAL MANAGER (MAINTENANCE)/ RSP, EX-GENERAL MANAGER (MATERIAL MANAGEMENT)/RSP AND EXECUTIVE DIRECTOR (WORKS)/RSP AS ADVISOR.

ORGANISATIONAL SETUP

NAME : M/S. BEHERA INDUSTRIES PVT. LTD.

ADDRESS : Works & Office – Industrial area,

Rourkela-769004.

TELEPHONE : Office -0661-2504550.

Reside-0661-2401567.

FAX : Office-0661-2401483.

Web Site – www.biplindia.co.in

NAME OF THE DIRECTORS: (a) Mr. Jagdish Kumar Behera, B.E(Mech.)

Managing Director.

(b) Mr. Raj Kumar Behera, B.E (Mech.)

Director.

(c) Mr. Rajat Kumar Behera, B.E (Mech.)

Director.

ADVISOR : Mr. Susant Chandra Das, B.Sc (Mech)

Ex-Excutive Director (Works) RSP

OFFICE STAFF : (a) Manager

(b) Accountant

(c) Super visor (Machine Shop) (30 years

experience at supervisor in machine

shop in L & T, Kansbahal).

(d) Super visor (Fabrication) ex-R.S.P

(e) Sales Executive.

WORKS FORCE : Skilled workers -25Nos.

(a) Furance Operater -04 Nos.

(b) Machinist -06 Nos.

(c) Machinist Helper -04 Nos.

(d) Welder -04 Nos.

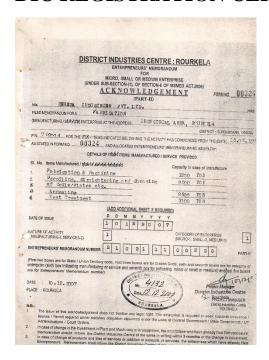
(e) Gas cutter -04 Nos.

(f) Marker & Fitter -03 Nos.

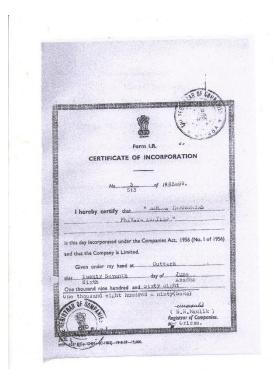
Unskilled workers -12 Nos.

DIC REGISTRATION CERTIFICATE & CERTIFICATE OF INCORPORATION

DIC REGISTRATION CERTIFICATE



CERTIFICATE OF INCORPORATION



DIC REGISTRATION CERTIFICATE

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CERTIFICATE OF INCORPORATION

	IR OF CO.
	Form I.R.
	CERTIFICATE OF INCORPORATION
	No. 3. of 1968-69.
	I hereby certify that " DEHLIG INDUSTINES
	PRIVATS LIGHTED "
	(A) (A) (A) (A) (A) (A)
3	nis day incorporated under the Companies Act, 1956 (No. 1 of 1956)
and	that the Company is Limited.
	Given under my hand at <u>Cuttack</u>
this	Twenty Seventh day of June Sixth Asadha
One	Sixth thousand nine hundred and Dixty eight thousand eight hundred a ninty(Saka) of 00 (N.N.Maulik) Registrar of Companies.
One	thousand eight hundred a ninty(Saka)
	of of our -cumantik
31,	(N.N. Maulik) Registrar of Companies.
	Registrar of Companies.

VENDOR REGISTRATION / WORK ORDER	

LIST OF PLANT & MACHINERIES

A. HEAT TREATMENT BOGIE HEART FURANCES:

FURANCE-A. Maximum Capacity- 10 Tons
Length 3.700 mtrs

Breadth 1.450 mtrs

Height 1.150 mtrs

FURANCE-B. Maximum Capacity- 40 Tons

Length 6.350 mtrs

Breadth 2.710 mtrs

Height 1.700 mtrs

FURANCE-C. Maximum Capacity- 60 Tons

Length 9.000 mtrs

Breadth 4.500 mtrs

Height 3.000 mtrs

B. HORIZONTAL BORING MACHINE:

Make- TOSH/CZECH(Imported)

Spindle Dia- 100 mm Max. Dia of Boring 560 mm

Motor- 14 H.P

C. LATHE:

Make- H.M.T.

Admit between center- 12 ft

Motor- 8 H.P

D. RADIAL DRILLING MACHINE:

Make- H.M.T.

Model- RM-63.

Maximum Dia- 65 mm.

E. RADIAL DRILLING MACHINE:

Make Pathak

Maximum Dia- 30 mm.

F. 1000 TON CAPACITY HYDRAULIC

PRESS (3 CYLINDERS):

Span- 4 mtrs

G. MATERIAL HANDLING SYSTEM: (i) 10 Ton over head E.O.T Crane-01 No. (BAY-3) (ii) 10 Ton over head E.O.T Crane-01 No. (BAY-2) (iii) 03 Ton E.O.T Crane-01 No. (BAY-1) (iv) 10 Ton E.O.T Crane-01 No.1 (v) 05 Ton E.O.T Crane-02 Nos. H. WELDING MACHINE: (i) MIG-04 Nos. (ESAB MAKE) 02 No.(ADVANI MAKE) (ii) Rectifier-01 No.(ADVANI MAKE) (iii) Transformer-04 Nos. (IOL MAKE) I. PILLAR DRILLING MACHINE: Make-01No.Batala30mm capacity J. MAGNETIC DRILLING MACHINE: 03Nos. Capacity 25 mm K. PLATE ROLLING & BENDING: 01 No. capacity 20 mm thic **MACHINE** &width1.5mts(Atlas Copco) (with 15 H.P.motor) L. MECHANICAL SCREW PRESS: 01 No. LOCALC, capacity-50 Ton. M. PORTABLE STAND DRILL: 01 No.(make WOLF)15 mm capacity N. GAS CUTTING SETS: 04 Nos. (IOL make). O. PUG CUTTING SETS: 03 Nos.(ADVANI make) P. ANGLE GRINDER: 10Nos.(Black & Decker make) Q. FLEXIBLE GRINDER: 04 Nos. (WOLF make)

02Nos.(Black &Decker make)

02 Nos. (BOC make).

03 Nos.

R. STRAIGHT GRINDER:

S. FLAME HARDENING JACKETS:

T. CORE CUTTING MACHINE

LIST OFPLANT & MACHINERIES

Sl.	Machines	Description	Make	Qty.
No				
1.	Heat Treatment Furnace	Bogie Hearth Furnaces	Wesman	01 No.
		(a) Furnace-A		
		Size: 3.7 mtrs.X1.450X1.150	Wesman	01 No.
		Capacity: 10 tons		
		(b) Furnace-B	Wesman	01 No.
		Size: 6.35 mtrs.X2.71X		
2.	Horizontal Boring	(a) 100ø Spindle	Tosh(CZECH)	01 No.
	Machine	(b)80 _Ø Spindle	WMW (Germany)	01 No.
3.	Lathe	12 ft	HMT	01 No.
4.	Radial Drill Machine	65 mm, Max Diia	RM-63 HMT	01 No.
5.	Hydraulic Press	1000 Ton, Width – 4mtrs.	Jamuna Engg.	01 No.
6.	Material Handing	(a) Over Head Monorail Crane		01 No.
	System	Capacity:10 Ton		
		(b) E.O.T Crane		
		Capacity: 03 Ton		01 No.
		(c) Chain Pully		
		Capacity: 20 Ton		01 No.
		(d) Chain Pully		
		Capacity: 03 Ton		02 No.
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7.	Welding Machine	(a) MIG	ESAB Make	04 Nos.
		(b) Rectifier	ADVANI Make	02 Nos.
		(c) Transformer	IOL Make	02 Nos.
8.	Pilar Drilling Machine	Capacity: 30 mm	Batala Make	01 No.
9.	Magnetic Drilling	Capacity: 25 mm		03 Nos.
	Machine	1 7		
10.	Plate Rolling & Bending	Capacity: 20 mm	Atlas Copco Make	01 No.
	Machine	Width: 1.5 mts.	1	
11.	Mechanical Screw Press	Capacity: 50 Ton		01 No.
12.	Portable Stand Drill	Capacity: 15 mm	WOLF Make	01 No.
13.	Gas Cutting Sets		IOL Make	05 Nos.
14.	PUG Cutting Sets		Advani MAke	03 Nos.
15.	Angle Grinder		Black & Decker	05 Nos.
	0		Make & Beeker	22 2,05.
16.	Flexible Grinder		WOLF Make	02 Nos.
17.	Straight Grinder		Black & Decker	04 Nos.
	3		Make	2 . 1 . 105.
18.	Flame Hardening		BOC Make	02 Nos.
	Jackets			

MEASURING INSTRUMENTS

A OUT	SIDE	MICRO	METER:

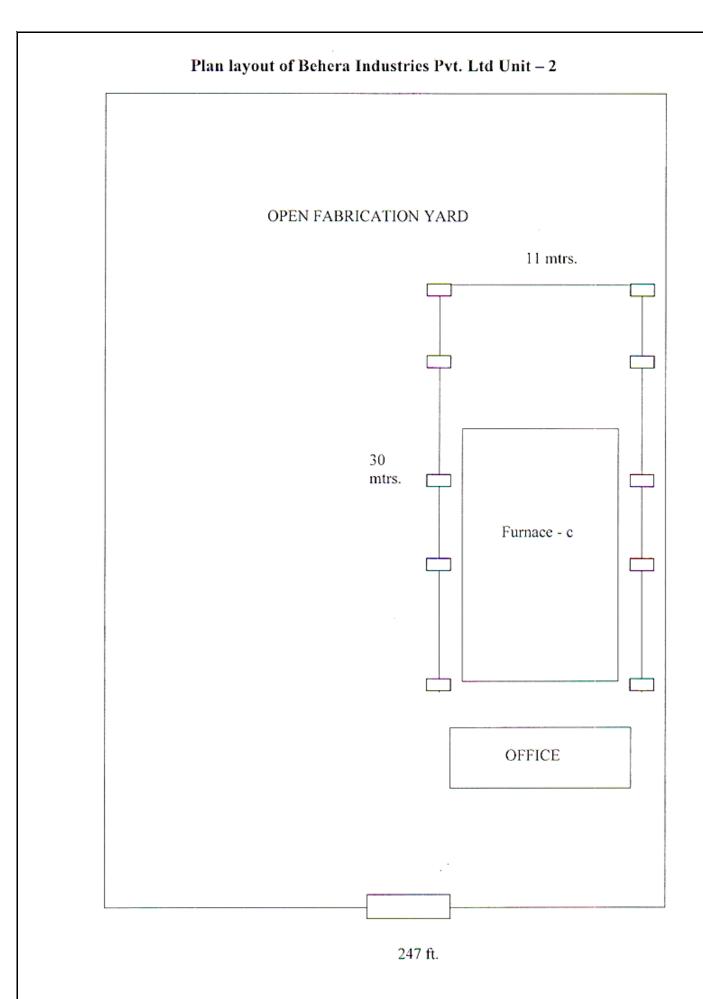
I. POLDI HARDNESS TESTER:- 02 Nos.

11.001 SIDE MICKO METER.								
<u>SIZE</u>	Nos.	<u>MAKE</u>						
01. 0 to 25mm-	01No.	MITUTOYO (JAPAN).						
02. 0 to 150mm-	01No.	MITUTOYO (JAPAN).						
03. 0 to 300mm-	01No.	MITUTOYO (JAPAN).						
B. IN SIDE MICRO METER:								
SIZE	Nos.	<u>MAKE</u>						
01. 25 mm to 50mm-	01No.	MITUTOYO (JAPAN).						
02. 50 mm to 200mm-	01No.	MITUTOYO (JAPAN).						
03. 0 mm to 1000mm-	01No.	MITUTOYO (JAPAN).						
C. VERNIER CALLIPERS:								
SIZE	Nos.	<u>MAKE</u>						
01. 0 to 150mm-	01No	MITUTOYO (JAPAN).						
02. 0 to 300mm-	01No	MITUTOYO (JAPAN).						
03. 0 to 1000mm-	01No	(CHINA)						
04. 0 to 3000mm-	01No	MITUTOYO (JAPAN).						
D. DEPTH GAUGE:								
SIZE	Nos.	<u>MAKE</u>						
05. 0 TO 150MM-	01No	(CHINA)						
06. 0 TO 300MM-	01No	(CHINA)						
E. DIAL GAUGE WITH MAGNETIC BASE:								
	02 Nos.	MITUTOYO (JAPAN).						
F. COMBINATION SET:	01 No.	MITUTOYO (JAPAN).						
G. THERMOCOUPLES:								
01. CONTACT THERMOCOUR	(CALIBRATED).							
02. FURANCE THERMOCOUP	(CALIBRATED).							
H. TEMPERATURE RECORDE	ERS: 04 Nos.	MAHINDRA & MAHINDRA						

(CALIBRATED).

BOMBAY.

Plan layout of Behera Industries Pvt. Ltd Unit - 1 45mtrs PANTRY STAFE ROOM OFFICE STORE FABRICATION SHOP BAY - 3L F A U H.B. M/C T R TOSCH-Н N 110 dia \mathbf{E} A C E-A DRILLING M/C 63 Quenching Tank H.B M/C M/C Shop 100 Bay2 dia 100 mtrs 12mtrs T Fab. \mathbf{o} Shop R Bay3 12mtrs E FURNACE В 1000 Ton Open Yard Hyd. Fabrication Press Raw Material & Cutting Yard ate-2



LIST OF CUSTOMERS & MAJOR JOBS EXECUTEDS

CUSTOMERS

1. ROURKELA STEEL PLANT, Rourkela.

2. /s. LARSEN & TOUBRO LTD.

Kansbahal Works.

JOB UNDERTAKENN

- (a) Regular repair and maintenance job and fabrication equipments like:-
 - (i) Buck Stay.
 - (ii) Bogie Frame.
 - (iii) Apron Pan.
 - (iv)Girders & Roller Stand
 - (v) Heat Shield (B/Q Plates)
 - (vi)Ladle Cover (B/Q Plates)
- (b) Homogenization and Softening of Trunion Ring. Wt-48 Ton, Cycle Time- 108hrs.
- (c) Normalizing of Grith Gear Dia-4.5m Wt-18 Tons., Cycle Time-36 hrs.
- (e) Heat Treatment of Blast Furnace Slag Pots
- (f) Regular Repair and maintenance & fabrication on job to job Basis.
- (a) Fabrication, Stress Relieving, Sand and Machining of:-
- (i) Paper plant equipments.
- (ii) Equipments of Diesel locomotive works.
- (iii) Wind mil equipments.

Involving Ultra Sound Welding Test.

- (b) Heat Treatment of 12E. Ni-Hard rings Dia-4.5 mts.
- (c) Normalizing of Steel Casting and Plantes.
- (d) Softening of Supporting Roller (Wt -24 Tons) and then lancing of Riser at 500° C.
- (e) Water quenching of Mn-Steel Blow Bars at 1050°C temperature.

(f) Machining of equipments such as:-

- i. Spiral Casing
- ii. Bogie Frame.
- iii. Cam
- iv. MS Plate

3. M/s OTTO INDIA Pvt.Ltd. jobs.

KALUNGA.

(Rate Contract Basis)

- (a) Stress relieving of fabricated
- (b) Fabrication of equipments like ESP of NTPC Talcher, ACC, Project Division & Discharge Hood etc. for NINL.
- (c) Anticorrosion Bakelite
 Painting & Baking of Primary
 Gas Cooler tubes for
 cokeoven by product plant of
 Konark Metcoke Pvt.Ltd.
 BBSR.

4. M/s HARI MACHINES LTD.

- (a) Fabrication, Stress Relieving, Sand blasting, Machining of sponge iron equipments and steel industries.
- (b) Stress Relieving of fabrication jobs.
- (c) Minimum 80 tons of fabrication per month on rate contract basis.
- (d) Tig welding of S.S& Alloy steel plates and their sample cutting.

5. M/s ORISSA CEMENT Ltd.

6. M/s IDL INDUSTRIES Ltd

(Rate Contract Basis)

Oil quenching of side plates.

Stress relieving & Normalising of cladded plates & subsequent post heat

Treatment Straightening upto 130 thic Plates,SS and Monel plate welding upto

10 mm thick plate.

7. M/s TAYO ROLLS LTD.

Jamshedpuur, Jharkhand

(Rate Contract basis)

Heat Treatment of Grinding Rings & Balls.

Heat Treatment of Grinding Rings & Balls.

For Power Plant.

8. M/s ACC NIHON, NAGPUR.

Annealing of Ni-Hard Rings.

(Rate Contract Basis)

9. M/s INDO MAG.STEEL TECH.Ltd.

DELHI.

Stress Relieving of fabrication jobs.

10. M/s. V.I.S.L, BHADRAVATI

(Rate Contract Basis)

Annealing of 12 E.Ni-Hard Grinding

Ring Dia.4.5m

11. M/s.N.I.N.L,BHUBANESWAR.

(Rate Contract Basis)

Stress Relieving of fabrication

jobs.

12. M/s. G.E.C. ALSTHOM.

Fabrication of equipments and

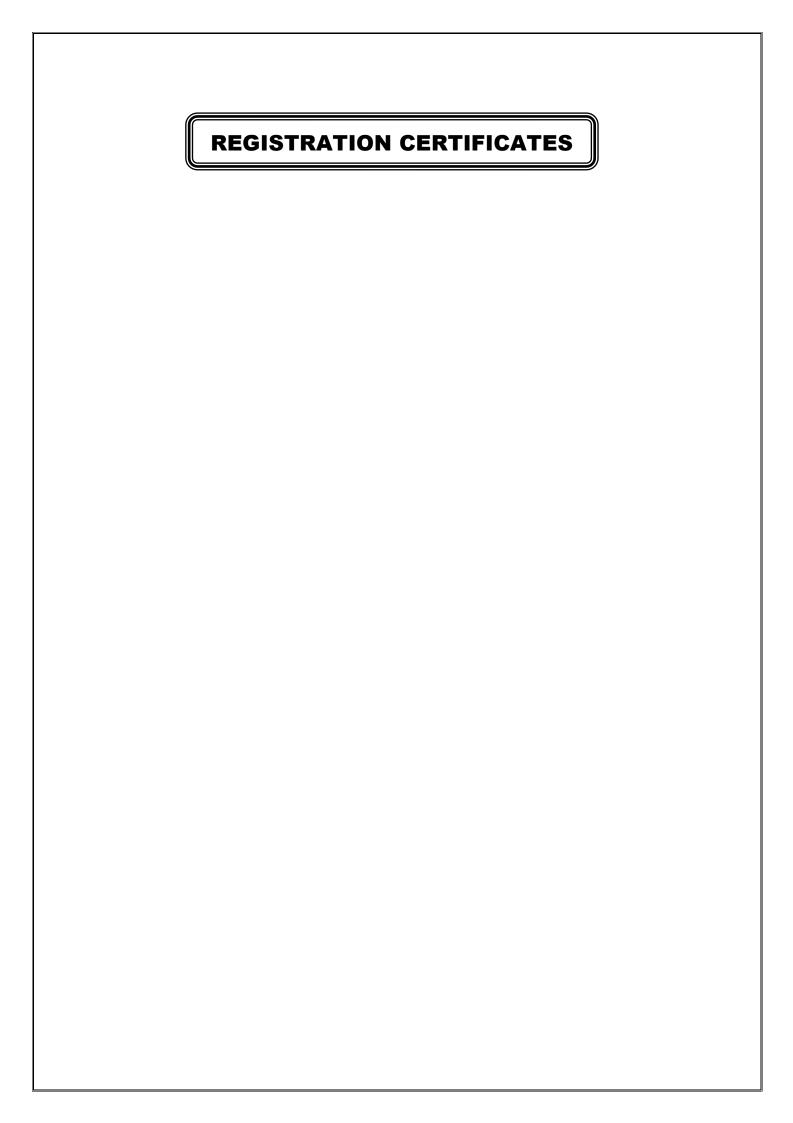
structures for Electro static

precipitator.(E.S.P)

13. M/s. HINDALCO INDUSTRIES LTD.

Annealing of Aluminum Coils.

Hirakud, Sambalpur



PHOTOGRAPHS OF MAJOR JOBS EXECUTED

- A. STRESS RELIEVING
- **B.**STREE RELIEVING AT SITE
- C. FABRICATION JOBS
- D. MACHINING JOBS
- E. QUENCHING WATER / AIR
- F. ANNEALING JOBS

STRESS RELIEVING

























STRESS RELIEVING AT SITE

























FABRICATION JOBS





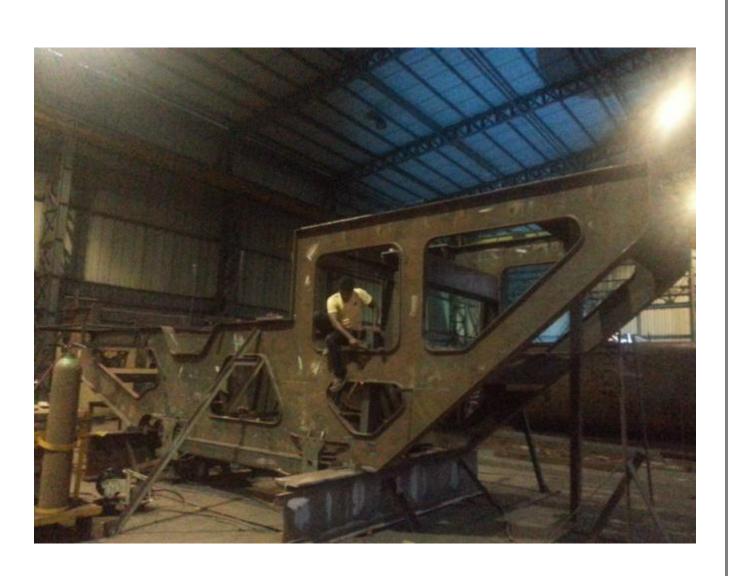


















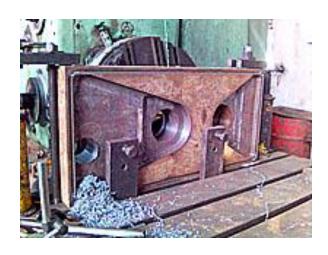


MACHINING JOBS























QUENCHING WATER / AIR

























ANNEALING JOBS







