

PREMUR IMPEX LTD.

AN ISO 9001 - 2008 CERTIFIED ORGANIZATION

PRESENTING THE HAPPY

"HUT"

WEST BENGAL . INDIA





ABOUT US

- **Precision, Performance** and **Perfection** the three key words for industrial production. To keep up with today's fast industrial growth one cannot make any compromise with quality and specifications.
- **PREMUR**, a dynamic growth-oriented house is conscious of its great task. Born Four decades ago, **PREMUR** is engaged in manufacturing **Compacting –Briquetting, Crushing, Pulverising, Mixing. Screening and Material handling equipment** for Refractory, Ceramic, Mineral, and Chemical Processing Industries.
- **PREMUR**, recipients of **NATIONAL AWARDS**, has always had a bright track record. Instead of being complacent, Premur is constantly endeavoring to ameliorating its own records by adapting the latest technical know-how and innovations.
- We are going to present a few wonderful products that could be of great service to your Industries. Further we gladly offer our specialized services and professional advice to properly plan your project and choose the right equipment for the right job.

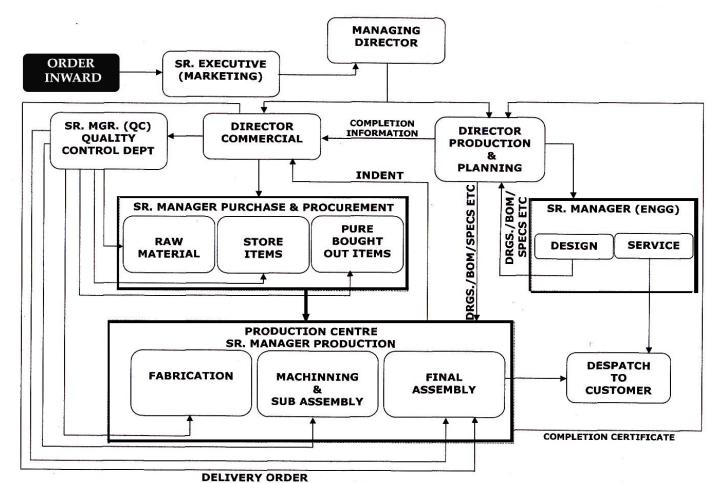


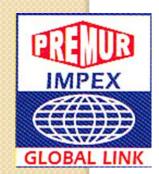
• We Promise you the following in every "PREMUR" Equipment you Buy

PRECISION | PERFORMANCE | PERFECTION



ORGANISATION STRUCTURE & PROCESS OF EXECUTION







"PREMUR" is AN ISO 9001:2008

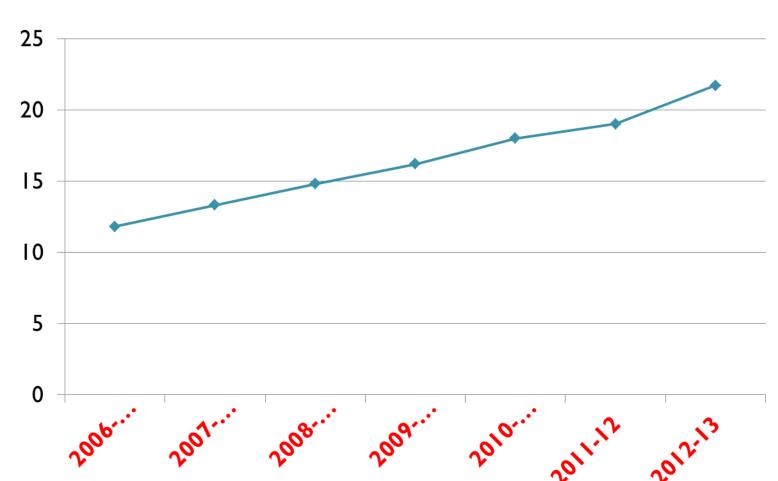
Certified Organization and Follow QAP for Production of each item.







Growth in terms of Net Sales from 2006-07 to 2012-13







PRODUCTS & SERVICES

EQUIPMENTS

- > BRIQUETTING
- > CRUSHING
- PULVERISING
- MIXING
- > SCREENING
- > BULK MATERIAL HANDLING EQUIPMENTS

TURNKEY SOLUTIONS

- > BRIQUETTING PLANT FOR COAL, COKE, CHARCOAL, ORE & MINERAL FINES
- METAL RECOVERY PLANT (MRP SYSTEM)
- > CRUSHING, SCREENING & HANDLING SYSTEM FOR COAL, COKE, ORES, & MINERALS.
- MINERALS BENEFICATION PLANT
- HERBS & SPICES PROCESSING PLANT



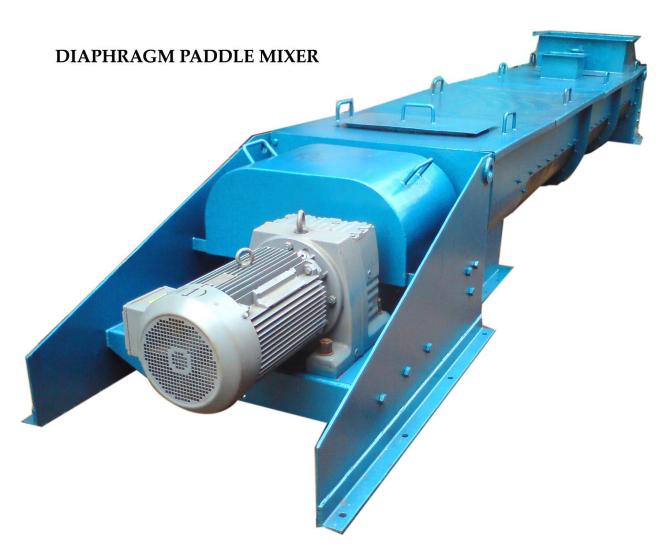


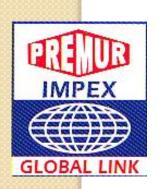
HYDRAULIC ROLLER BRIQUETTING PRESS







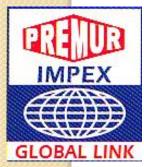






MULTI MULLER MIXER

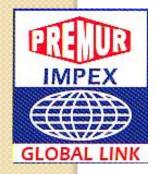






SINGLE PAN MIXER







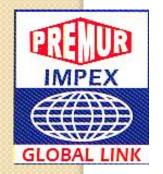












DOUBLE SHELL ROTARY DRYER



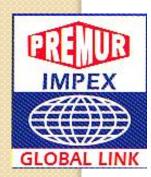




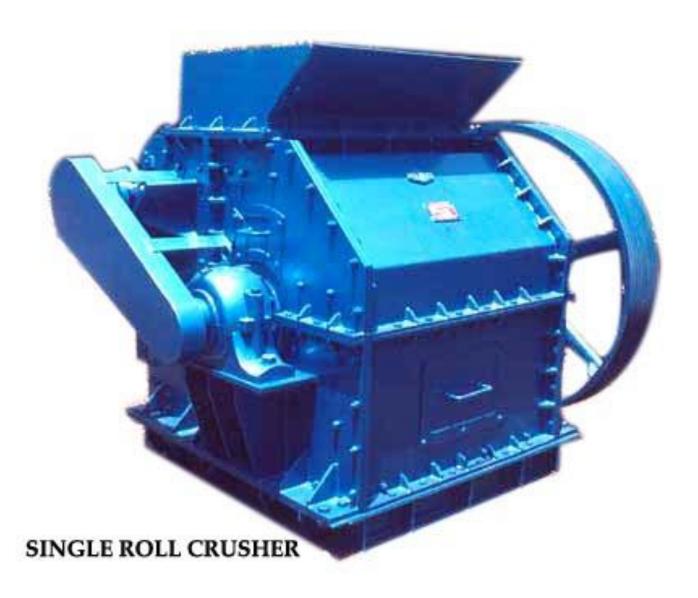


SINGLE TOGGLE JAW CRUSHER





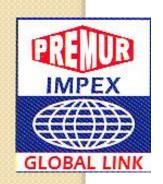














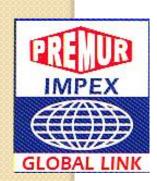




SWING HAMMER MILL

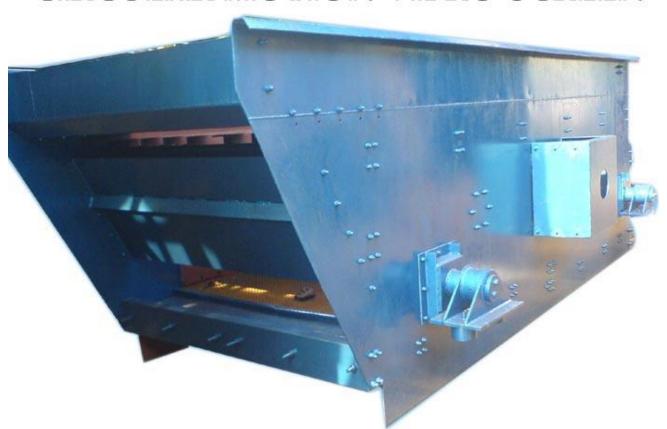








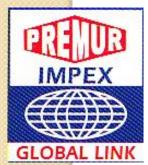
CIRCULAR MOTION VIBRO-SCREEN











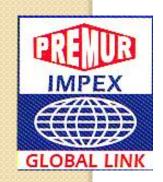


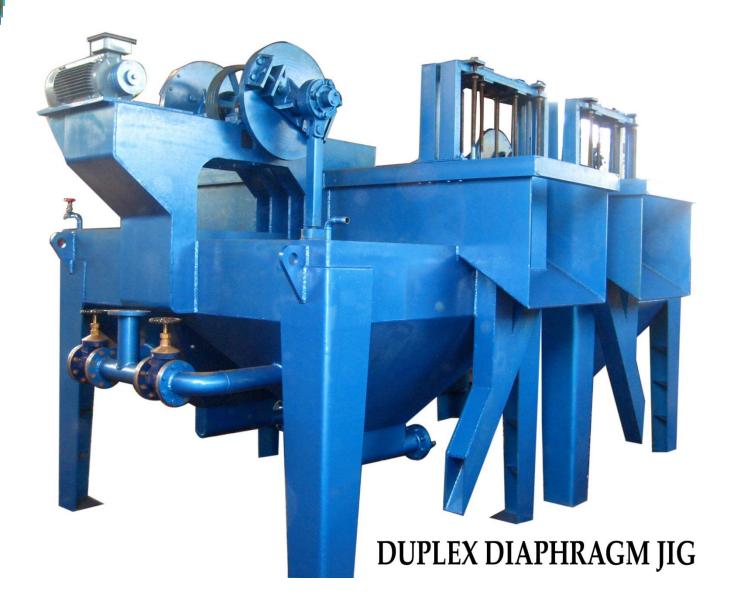






















SERVICES RENDERED

- > DESIGN
- > PRODUCTION
- >**SUPPLY**
- >INSTALLATION
- > COMMISSIONING
- >SERVICE BACK-UP





Our Major Clients

- TATA GROUP
- BIRLA GROUP
- > FACOR GROUP
- IMFA GROUP
- > SKP GROUP
- METCORE GROUP(FORMERLY GMR)
- RUNGTA GROUP
- > SAI GROUP
- CONCAST GROUP
- SHYAM GROUP
- JINDAL GROUP
- > SSL GROUP

PREMUR Equipment's in Research Labs.

- INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY
- CENTRAL MINE PLANNING & DESIGN INSTITUTE
- CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE
- CENTRAL POWER RESEARCH INSTITUTE
- INDIAN INSTITUTE OF TECHNOLOGY
- ➢ BIRLA INSTITUTE OF SCIENTIFIC RESEARCH
- > SAIL (R & D)





"PREMUR" PRODUCTS IN ABROAD

- > BANGLADESH
- > SRILANKA
- > BHUTAN
- > NEPAL
- > PHILIPINES
- U.A.E.
- > TANZANIA
- > KENYA
- > MAURITIUS ETC. ETC





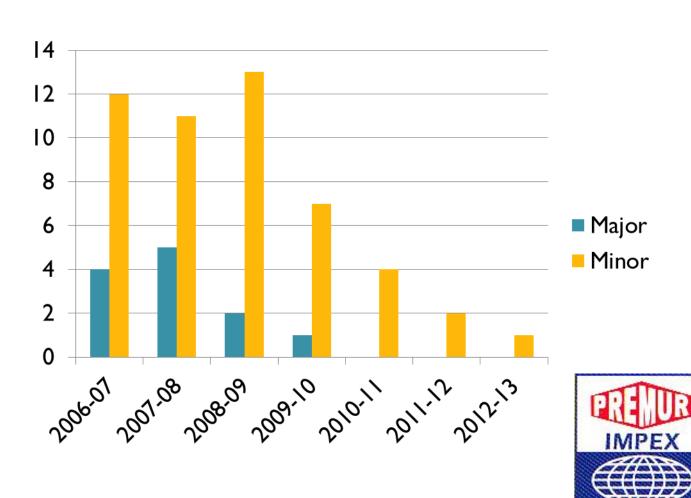
Major Quality Improvement Initiative taken in last few years

Improvement on Quality is a continual process within the last few years we adopted following major policies to improve our product & services

- ✓ Preparation of QAP along with BOM prior to releasing production drawings for each & every case.
- ✓ Stage Inspection as required with calibrated instruments by our QC Team.
- ✓ Pre-Despatch Inspection conducted jointly with buyer's representatives.
- Maintain statistics of data's for each assignment, collected at the time of commissioning of plants & machinery & also thereafter through particular user department of the original buyer.
- ✓ Collecting feed back from time to time from users
- Organize open house discussion on QC within production team and also with users and accept necessary suggestions thereof.

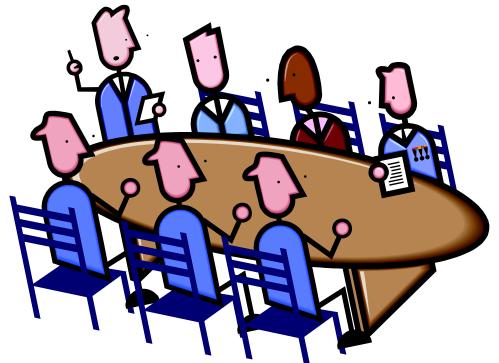


Statistics on User's Complain on Products During Last 7 Years





Open House Discussion on Quality Awareness



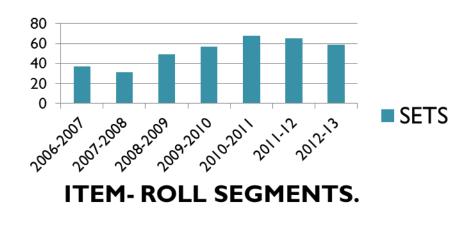
We Organized open house discussion for awareness of quality culture, accept important suggestions from any level of staff members & end users as well. Also explain quality policies from top management & consultants.



Initiatives to Increase in **Productivity**

- ADOPTED TO USE VMC & CNC TURNER FOR HIGH PRODUCTIVITY WITH IMPROVEMENT IN QUALITY, PRESENTLY BEING OUTSOURCED.
- USE GANG DRILLING MACHINE & PLANO MILLER FOR FAST & PRECISION PRODUCTION OF MACHINE BODIES. PRESENTLY BEING OUTSOURCED.
- USE OF LATEST DESIGN SOFTWARE LIKE **SOLIDWORKS-II** ALSO ADDED PACE IN TOTAL EXECUTION PROCESS

STATATICS ON INCREASE IN PRODUCT ACTIVITY DURING LAST 7 YEARS







COST REDUCTION MEASURES

- ❖ INSTALLED SOLIDWORKS-II 3D SOFTWARE WHICH IS ENABLE TO GIVE INFORMATION OF LOAD ANALYSIS, WEIGHT OF A DESIGNED COMPONENT AT A CLICK WHICH HELPS US IN MINIMIZING THE COST OF PRODUCTION WITHOUT COMPROMISING THE REQUIRED QUALITY.
- ❖ COST OF EFFORTS & LABOUR CHARGES ANALYZED BEFORE AND AFTEER PRODUCTION PERIODICALLY. NECESSARY PREVENTIVE MEASURES ARE DECIDED THEREAFTER. USE OF CNC, GANG DRILL ETC ARE OUT COME OF SUCH ANALYSIS.
- ADOPTATION OF LATEST SOFTWARES REDUCED COSTS & TIME IN DIFFERENT LEVEL OF OPERATIONS, THUS REDUCED THE OVERHEAD, ULTIMATELY REDUCED THE COST OF ULTIMATE PRODUCTS.

Few initiatives made by 'PREMUR' in developing New Products

"PREMUR" IS ALWAYS ENTHUSIASTIC TO ADD NEW PRODUCT SPECIALLY FOR IMPORT SUBSTITUTION & WASTAGE RECOVERY.

- DEVELOPED **HIGH PRESSURE ROLLER BRIQUETTING PRESS** UNDER INITIATIVE OF **FACOR GROUP** IN **1987** WHICH WAS **AN IMPORT SUBSTITUTE**.
- DEVELOPED MULTIPURPOSE FULLY AUTOMATIC HIGH PRESSURE LABORATORY BRIQUETTING PRESS FOR **REGIONAL RESEARCH LABORATORY**, BHUBANESWAR. (**GOVT. OF INDIA RESEARCH LABORATORY**). **AN IMPORT SUBSTITUTE. 1998**
- DEVELOPED **STEAM INJECTED VERTICAL KNEADER** UNDER INITIATIVE & REQUIREMENT OF **M/S. TATA CHEMICAL LTD. (TATA GROUP ORG.). 2003**
- DEVELOPED DIAPHRAGM TYPE TWIN PADDLE MIXER WHICH IS HIGHLY ENERGY EFFICIENT, HIGHLY PRODUCTION EFFICIENT, LESS IN MAINTENANCE IN TERMS OF COST & DOWN TIME. THE EQUIPMENT IS ALSO COST EFFECTIVE IN TERMS OF CAPITAL INVESTMENT THAN ANY OTHER MIXER USED IN ORE BRIQUETTING PLANT. DEVELOPED UNDER INITIATIVE & REQUIREMENT OF M/S. ROHIT FERRO TECH LTD (SKP GROUP ORGANIZATION). AN IMPORT SUBSTITUTE. 2008
- DEVELOPED EFFICIENT & HIGH PRODUCTIVE METAL RECOVERY EQUIPMENT, NAMELY DUPLEX DIAPHRAGM JIG UNDER INITIATIVE & REQUIREMENT OF M/S. ROHIT FERRO TECH LTD (SKP GROUP ORGANIZATION). − 2010
- ➡ EFFICIENT ORE DRYING PROCESS UNDER INITIATIVE & REQUIREMENT OF FACOR GROUP UNDER PROCESSING. – 2010-2011



ENERGY SAVING

- "PREMUR" IS AWARE OF ENERGY SAVING CRITERIA. ENERGY SAVING DESIGN OF EQUIPMENT IS ON TOP PRIORITY IN DEVELOPING VARIOUS EQUIPMENTS.
- IN HOUSE ENERGY SAVING IS ALSO GIVEN PRIORITY.





INITIATIVES TAKEN BY "PREMUR" TOWARDS SOCIAL OBLIGATIONS

- DEVELOPMENT OF NEW ENTERPRENURE PROMITING EXPERTISE OF EXPERIENCED TECHNICIAN FROM TECHNOCRAT TO ENTERPRENUER, SERVING THE HOUSE AS ITS PRODUCTION PARTNER. 15 SUCH PRODUCTION PARTNERS ARE IN EXISTENCE.
- □ PARTICIPATING IN DIFFERENT SOCIAL WORK UNDER BANNER OF LIONS CLUBS INTERNATIONAL.
- "PREMUR" INITIATED TO PROMOTE LIONS CLUB OF HOWRAH PROGESSIVE WITH AWARD WINNING PERFORMANCE.









INITIATIVE TO DEVELOP ENTERPRENUERSHIP

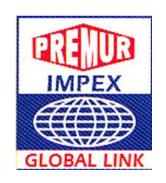


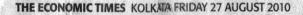




INITIATIVES TAKEN BY "PREMUR" TOWARDS TECHNICAL AWARNESS

- PUBLISHES TECHNICAL WRITE-UPS IN LEADING NEWS PAPERS & MEGAZINES
- PLANNING TO ORGANISE TECHNICAL SEMINARS & WORKSHOPS FOR ENGINEERING FRESHERS & WORKING ENGINEERS TO STRENGTHEN SUPPLY CHAIN OF TECHNICAL PERSONALS TO PROCESS INDUSTRIES







Bulky Affair

B Chakraborty explains the application of feeders and screens in bulk material handling system



FEEDERS

Feeders discharge mass at regulated rate from the source like ground hopper/ bunkers/ bins to enable the system to handle the bulk material at the required rate for the ultimate application.

The working principle of different type of feeders is explained further:

■ Vibro-feeders: The feed rate is adjustable by increasing or decreasing the vibration electrically or mechanically through adjustment of unbalanced weight in mechanical vibro feeder.

Mechanical Feeders are easymaintenance. On the other hand electromagnetic feeders have better efficiency and acute control over mass feeding.

■ Vibratory grizzly feeder: It has gratings to separate over-size material prior to feed the main-stream system. Degree of inclination normally varies from

sive grains (below 6mm) containing moisture. For better control over feed rate, VVFD to adjust belt speed is also used.

■ Apron feeder: It is used to transfer bulky lumps. Steel fabricated aprons fitted on suitable chain are used instead of belt.

Screw feeder: The working principle of screw feeder is just like a screw conveyor. It is suitable for superfine flying masses like hydrated lime fines, fly ash.

■ Disc feeder: Used for feeding nonabrasive fine grains. The feeder runs on the principle of centrifugal force.

■ Rotary feeder: Used to transfer dry fine particles, where air-locked feeding is necessary.

SCHEHENS

Screening of over and undersize material plays an important role in bulk material handling. Mainly rotary and vibrating screens are used.

Rotary screen: Material passing

through the cylindrical or conical frame are separated by gravity (g) against its centrifugal force (CF) where CF<g.

■ Vibratory screen: Most popular equipment in screening process. Different technological applications are explained below:

■ Elliptical circulation motion

screen: It handles dry grains/lumps (Above 3mm) efficiently. Degree of inclination varies within 14°—22.5° depending upon different application.

■ Linear & rectilinear motion screen:
Basic design is a vibrating deck same as like as normal vibro screen, only two number of counter rotating unbalanced motors are used to form the linear or rectilinear motion to handle efficient screening.

• Gyratory motion screen: The screen is suitable to handle dry superfine material like tale-powder, ground spice or herbs etc.

(Chakraborty is MD, Premur Impex Ltd)





CROWNING GLORIES

- ***FIRST INDIGENEOUS FUEL BRIQUETTING PRESS MANUFACTURER.**
- *FIRST INDIGENEOUS HIGH PRESSURE ORE BRIQUETTING PRESS MANUFACTURER FOR FERRO ALLOYS INDUSTRIES.
- ***DEVELOPED WET PROCESS METAL RECOVERY PLANT (MRP SYSTEM FOR FERRO ALLOY INDUSTRIES).**
- *FIRST INDIGENEOUS DIAPHRAGM MIXER MANUFACTURER.
- ***EXECUTION OF TURNKEY PROJECT IN TANZANIA**
- ***A GIFT PLANT TO HON'BLE PRESIDENT OF TANZANIA BY HON'BLE PRESIDENT OF INDIA.**
- *RECEIVED GOLD MEDAL AWARD BY TRANSWORLD TRADE ORGANIZATION, FROM HON'BLE PRESIDENT OF INDIA.
- *RECEIVED 'UDYOG PATRA' AWARD FROM HON'BLE VICE PRESIDENT OF INDIA.
- *RECEIVED RECOGNISED VENDOR AWARD WITH PERFORMANCE BONUS FOR QUALITY & TIMELY EXECUTION OF AN INDIAN RAILWAY PROJECT FROM M/S.TATA TIMKEN LIMITED.



PREMUR'S GLORIOUS ACHIEVEMENT



Premur has been chosen by the Government of India for supplying Poultry and Cattle Feed Plants to the Government of Tanzania as a gift by the Hon'ble President of India in association with Project Equipment and NSIC, New Delhi.

PUBLISHED:

1. THE STATESMAN - 13. 11. 1983
2. JUGANTAR - 12. 11. 1983
3. ANANDABAZAR PATRIKA - 13. 11. 1983
4. AAJKAL - 13. 11. 1983







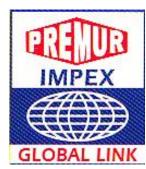
BRIQUETTING TECHNOLOGIST: DR. LOURENS ERASMUS
FROM SOUTH AFRICA VISITING PREMUR PRODUCTION
CENTRE







MR. G. LAMMOGLIA, M.D. OF M/S TATA TIMKEN LTD. AT "PREMUR" PRODUCTION CENTRE







EMINENT BRIQUETTING TECHNOLOGIST

DR. J W. TATOM ALONGWITH WORLD BANK

DELEGATES FROM U.S.A

AT "PREMUR" PRODUCTION CENTRE







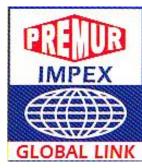
"PREMUR" INSTALLATION IN TANZANIA
A GIFT PLANT OF HON'BLE PRESIDENT OF INDIA TO
HON'BLE PRESIDENT OF TANZANIA







"PREMUR SILVER JUBILEE TROPHY"
FOR NATIONAL NETBALL
CHAMPIONSHIP IN 1993













BIRLA CORPORATION LIMITED

UNIT : BIRLA CARBIDE & GASES

P. O. Birlapur-743 318, 24 Primariza (S). West Bongst, India S (1030) 482-3269/2614/1821/1822/1823/2439. Fax: 00-91-33-482-2666 1412. Grain: JUTWEAVER, E-mail: pinlacsv@yahou.com;

TO WHOM IT MAY CONCERN

Dated: - 22.08.2000

This is to certify that M/S Premur Impex Ltd. of Howrah-1 supplied us Bell-Hopper, Tipping wagons, wheel with shaft & housings etc. as per our order. These are running successfully at our project at Birlapur.

We are satisfied with the quality performance and workmanship of their products as well as their sales service too.

We are also purchasing spares from them time to time. We appreciate their technical ability.

We wish success and prosperity of this inspired team.

REGISTERED & HEAD OFFICE - Birla Building, 9/1 R. N. Mukherjee Road Cejeura - 200 99 - Phone : 2201680, 220/280, 2/20/4370 Fax. (033) 248 7088/2872 E-mail - bioxydd 25/10 Voer Aetin







REGIONAL OFFICE, CALCUTTA

8, India Exchange Place, Calcutta - 700 001.

Datc: 08.01.2001

TO WHOMSOEVER IT MAY CONCERN

This is to certify that in the year 1994 we had exported one set 4 M.T./hrs. capacity Char-Coal Briquetting Plant of 'Primur' (Howrah) made containing Hammer Mill, Mixer, Briquetting Machine and Handling Equipment to M/s. OMAN COAL EST., Ruwi, Sultanate of Oman. Till now we have not received any communication from the said Importer regarding non-performance or any problem about the said Machine.

Further, we are to mention that the manufacturer of said plant had extended whole hearted co-operation for execution of expon commitment within the stipulated period.







FACOR

FACOR ALLOYS LIMITED

Regd Office & Works: SHREERAMNAGAR-535 101, Dist Vizianagaram, A.P. India. Phones: +91-8952-203934 & 203943 Fax: +91 8952 282188, E.Mail: facorgvd@bsnl.in

Dt. 10. 06. 2011

TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/s. Premur Impex Ltd , Kolkata is one of our A1 suppliers in our vendors list.

They have designed, manufactured and installed / commissioned Chrome Ore Driers, Circular Vibrating Screen, Briquetting Press Segments etc., for our Chrome Ore Briquetting Plant. They are Prompt not only in delivery but also in extending service calls. They are technically competent to meet the customer demands.

We look forward for a long time business association with them.

For FACOR Alloys Ltd

CHIEF EXECUTIVE







Mangilall Rungta



An ISO 9001, ISO 14001 & OHSAS 18001 Certified Company

WORKS: Vill - Tulasidiha, P.O. - Meramandali, P.S. - Motanga, Dist.-Dhenkanal-759 121, Orissa
Tel.: 06732 - 212131, Telefax: 06732-258161, E-mail: fad@mangilallrungta.com

TO WHOM IT MAY CONCERN

We are using '**PREMUR**' **Equipments** for 20TPH Metal Recovery Plant and are happy to recognize that the system and equipments are running successfully and appreciate their Technical expertise, Commitment and after Sales Services.

With all best wishes to $\ensuremath{\mathsf{TEAM\text{-}PREMUR}}$ for every success in the days to come.

For Mangilall Rungta (FAD)

S.N.Mishra

Chief General Manager



HEAD OFFICE : Rungta House, Chaibasa, Dist.: West Singhbhum, Jharkhand - 833201 CORP. OFFICE : 8A - Express Tower, 42A - Shakespeare Sarani, Kolkata - 700017







Surya Alloy Industries Limited

1/1, Camac Street, 3rd Floor, Kolkata-700 016 Phone : 2229-8877, 2229-8828 / 5876 I Fax : 2229 7223 Email : rungta@vsnl.com

Dated: 13th September, 2011.

TO WHOM IT MAY CONCERN

PREMUR IMPEX LIMITED is associated with our Group of Organization for quite long with Briquetting & Crushing machineries including Turnkey execution of Chromite Briquetting & Metal Recovery Plant. Their execution in respect of Quality, Commitment & Performance are quite satisfactory.

We recognize their spirit & devotion towards different assignments with our Group of Organization.

For Surya Alloy Industries Limited.

G. BHANDIA GENERAL MANAGER-COMMERCIAL



IMPEX (IN)





NAVA BHARAT VENTURES LIMITED

KHARAGPRASAD, NEAR MERAMANDALI RLY. STATION, DIST. DHENKANAL-759121. ODISHA E-mail: nbvldkli@sancharnet.in / nbvldkli@gmail.com Web; www.nbventures.com

Date: 12.09.2011

TO WHOM IT MAY CONCERN

"PREMUR" is associated with us for a long time for supply of Briquetting Machinery and related items including Briquetting Roll Segment. "PREMUR" 30TPH Multi Muller Mixer is in service at our project at Meramondalli, Dhenkanel, Orissa. The Equipment reflects the Technical capabilities of the Organization. We appreciate some innovative Technologies incorporated in the equipment, like, Split type 'Cooper' Bearings, Torque-limiters etc. We also appreciate the process of Quality Control, like QAP forwarded to us during execution of the assignment speaks volume for their QC policy.

Their Service back up is also excellent.

We are hopeful, that the Organization will deliver many Technological excellencies in future days to come.

For NAVA BHARAT VENTURES LIMITED

(M. Srinitme)

General Manager - Ferro Alloys Plant







Ref: RFTL/FAP/JKR/135/2011 Date: 13th September 2011

TO WHOM IT MAY CONCERN

"PREMUR" Group of Organisations are associated with SKP Group of Organisations for more than a decade. Here, at Rohit Ferro-Tech Ltd, Jajpur, "PREMUR" 20TPH Cr. Ore Briquetting Press, Diaphragm Twin Paddle Mixer, Double Toggle Jaw Crusher, Vibro Screen and Vibro Motors are in service to our satisfaction. We specially recognize "PREMUR" Briquetting Press and Diaphragm Paddle Mixer which are complement to our project.

The Diaphragm Twin Paddle Mixer was developed by them under our initiative is an import substitute. The said Mixer is the best in class than any Mixer being used in Briquetting process, which is Power Efficient, High Productive Operation with friendly maintenance and at the same time cost effective both in terms of Capital Investment and Recurring Expenditure.

"PREMUR" is dependable for their Quality, Commitment and after Sales Service. We wish every success to this inspired Team.

For ROHIT FERRO-TECH LIMITED

S S PATNAIK

DIRECTOR (WORKS & PROJECTS)

Corporate & Communication Office: SKP HOUSE 132A, S.P. Mukherjee Road, Kolkata - 700 026

Tel: +91- 33 - 4016 8000/8100, Fax: +91 33 4016 8107

E-mail: enquiry@rohitferrotech.com | Web: www.rohitferrotech.com

Works (Unit - I): WBIIDC Road, P.O. Dwarika P.S. Bishnupur, Dist. Bankura (W.B.) Pin - 722 122
Works (Unit - II): Kalinganagar Industrial Complex, Duburi, Dist. Jajpur, Orissa-755026

Works (Unit – III): Bhunia Raichak, Joynagar, P.S. Durga Chak, Dist. East Medinipur, Haldia, West Bengal Reg. Off: 35, Chiltraranjan Avenue, 1st floor, Kolkata – 700 012







THANKS FROM "PREMUR"

AN ISO 9001 – 2008 CERTIFIED ORGANIZATION