



WHAT WE DO?

*Manufacturers Of Refine
Lead, Lead Alloys, Litharge
And Red Oxide*



VARUN
ENTERPRISES

ABOUT US

Varun Enterprise established in year 2000, has been in the lead industries of today for almost 2 decades and currently functions at Industrial Area of Indore over an area of 55,000 sq. ft. The company deals in Pure Lead, Lead Alloys and Lead Oxides. We primarily serve the Plastic Additives, Ceramic, Batteries, Pigments & Glass industries.

INFRASTRUCTURE

The manufacturing of the oxides is a multi-staged process that needs the product to be of highest quality standard, which is maintained by our team of experts with the help of modern quality control equipments and their experiences.

USP's

- Promoter is rich with experience of 35+ years in Battery Manufacturing and Lead Industry.
- Highest quality products tested by Optical Emission Spectrometer by Spectro Germany.
- Backward Integration control of Pure Lead for use in producing oxides.
- Stern follower of company values.



To be reckoned as the most valuable company in the recycling of metal industry.



To be the most desirable choice for all our stakeholders & grow sustainably delivering the best in class products with precise manufacturing techniques and quality assessment.



We are a values-driven organization and aspire to meet the highest professional, legal, and ethical standards.



REFINE LEAD 99.97% TO 99.98%

The refine lead is processed from Re-melted lead ingots, which is sometimes also called raw lead by conducting pyrometallurgical process. Our refining process produces pure lead of 99.97% - 99.98% purity level. We have 3 refining kettles with capacity of 16MT, 12MT, 20MT.



APPLICATIONS

- Lead Acid Battery
- Radiation Protection Sheets
- Lead Pipes
- Ammunition



LEAD ALLOY

We are a leading manufacturer and exporter of all kinds of Lead Alloys i.e Lead Antimony Alloy, Lead Calcium Alloy, Selenium, Copper, Tin, Arsenic etc.

We have Alloying Kettles of various capacities ranging from 7-30 tones per batch. They are fitted with high efficiency furnace oil burners equipped with preheating arrangements. Emissions control is achieved by a flexible kettle hood venting into a venturi scrubber attached to an ID fan along with a chimney/stack arrangement. Emissions are regularly monitored to ascertain that they strictly fall within the allowable limits.



APPLICATIONS

- Automotive/Tubular grids/SMF/VRLA battery plates
- Small parts in HD batteries, also in COS Fusion
- Lead Pipes / Chemical reactors
- Solder Alloy

LITHARGE

Litharge, which is a by-product of pure lead and also called Lead Monoxide (PbO) is yellowish / reddish powder that is heavy, odourless and water insoluble. It is an intermediate in various industries like pigments, PVC, lubrication, etc. Our manufacturing facility has Barton pot as the primary step. The output of the Barton Plant then passes through cyclone, bag house arrangement before it is poured into furnace for the remaining oxidation of free lead present. The desired powder specification and chemical properties is achieved through Pulveriser and expertise of our chemist.

APPLICATIONS

- PVC Stabilizer
- Ceramic and Glass
- Lubrication and Pigments
- Rubber



RED LEAD

Red Lead in chemistry terms known as Lead Tetra Oxide (Pb_3O_4), is prepared from pure lead of minimum 99.98%. The colour of Red Lead is orange red to brick red and is water insoluble. The Red Lead plant at our facility have Barton plant as its primary step in order to get the freelead content reduce to 11-12% before it is forwarded to furnace operated between 450 – 480 deg Celsius.

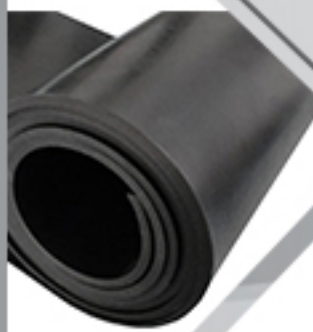
APPLICATIONS

- Lead Acid Batteries
- Pigments
- Heat Proof Glass
- Ceramics





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