



سارمكو

SAREMCO

IMPEX (PVT) LTD.

Company Information

Saremco Impex Private Limited is a major growers and exporter of Agri Products, Metallic Minerals and Himalayan Salt Products. Saremco Impex Private Limited works under supervision of Saremco Group of Companies. Our agriculture products includes export of Fresh Fruits and Vegetables, we export a wide range of fresh fruits and vegetables but our major exports are Potato, Mango, Onion and Kinnow. We also export Animal feed products on large scale including Rhodes Grass Hay, Wheat Straw Hay, Rice Straw, Corn Silage and Other Agriculture Waste products.

Saremco Impex Private Limited is a largest producer and exporter of Metallic minerals products and a major grower, manufacturer and exporter of Agriculture Products from Pakistan.

Pakistan is enriched with huge reserves of Metallic Minerals in Waziristan, Chagai, Balochistan and other Northern Areas of Pakistan. Saremco Impex Private Limited is one of the pioneer company has facilitated mining, production and refining of these high demand mineral products. Our Metallic mineral products range includes Chrome Ore Concentrate or Chromite Ore Concentrate, Copper Ore Lumps concentrate, Iron Ore, Manganese Ore, Soap Stones, Silica Stone, Granite stone and Sodium Chloride Industrial Grade. Some of metallic minerals such as Chrome Ore concentrate and Copper ore lumps concentrate are the world's most consumed industrial metal mineral in the world. We have shipped metallic minerals to South Korea and Japan markets, now we are focusing to penetrate in new South East Asian and European markets with our competitive prices and high quality natural metallic minerals products.

Company also exporting complete range of Himalayan Pink Salt Products, edible pink salt or Table Salt Coarse Grade, Salt Lamps & Decors, Salt Tiles and Bricks and Animal Lick Salt.

Saremco Impex Private Limited has multiple business divisions and team of experienced resources are handling operations of these divisions, we can fulfill sourcing requirement of any product that lies under our business division for instance if you have inquiry related to Metallic Minerals products then our Metallic minerals division will source that product for you. Our business divisions are Agriculture Division, Metallic Minerals and Salt Division, Herbs and Spices division and Animal Feed Division.



Chrome ore Concentrate or Chromite

Pakistan huge reserves of Chromite Ore and Chromite ore products. Pakistan has huge mineral reserves covering an outcrop area of 600,000 square kilometers. There are currently 92 identified minerals, 52 of which are commercially mined, with a total annual production capacity of 68.52 MMT. On average. Saremco Impex Private Limited has capacity of mining, Producing and exporting monthly 10000 Metric Tons or more.

We have competent prices compared to international supplier's prices, with highest quality Foundry Grade. Its usage is mainly in Stainless Steel Industry, Chemical Industry, and Iron industry. Chromite, and its value-added products have a lot of potential and are in high demand in international markets, our major exports of Chrome Ore Concentrate to China, Russia, South Korea, Japan and Taiwan.

Here is specification of Cr₂O₃ High Quality Chrome Ore Concentrate from Pakistan Minerals Deposits from Balochistan and Northern Areas, where Saremco Impex facilitating mining, producing, processing and packing.



Chrome ore Concentrate or Chromite

Chromite, and its value-added products have a lot of potential and are in high demand both domestically and abroad.



1 Chromite Production in Pakistan

4 Pakistan Chromite Production & Trade

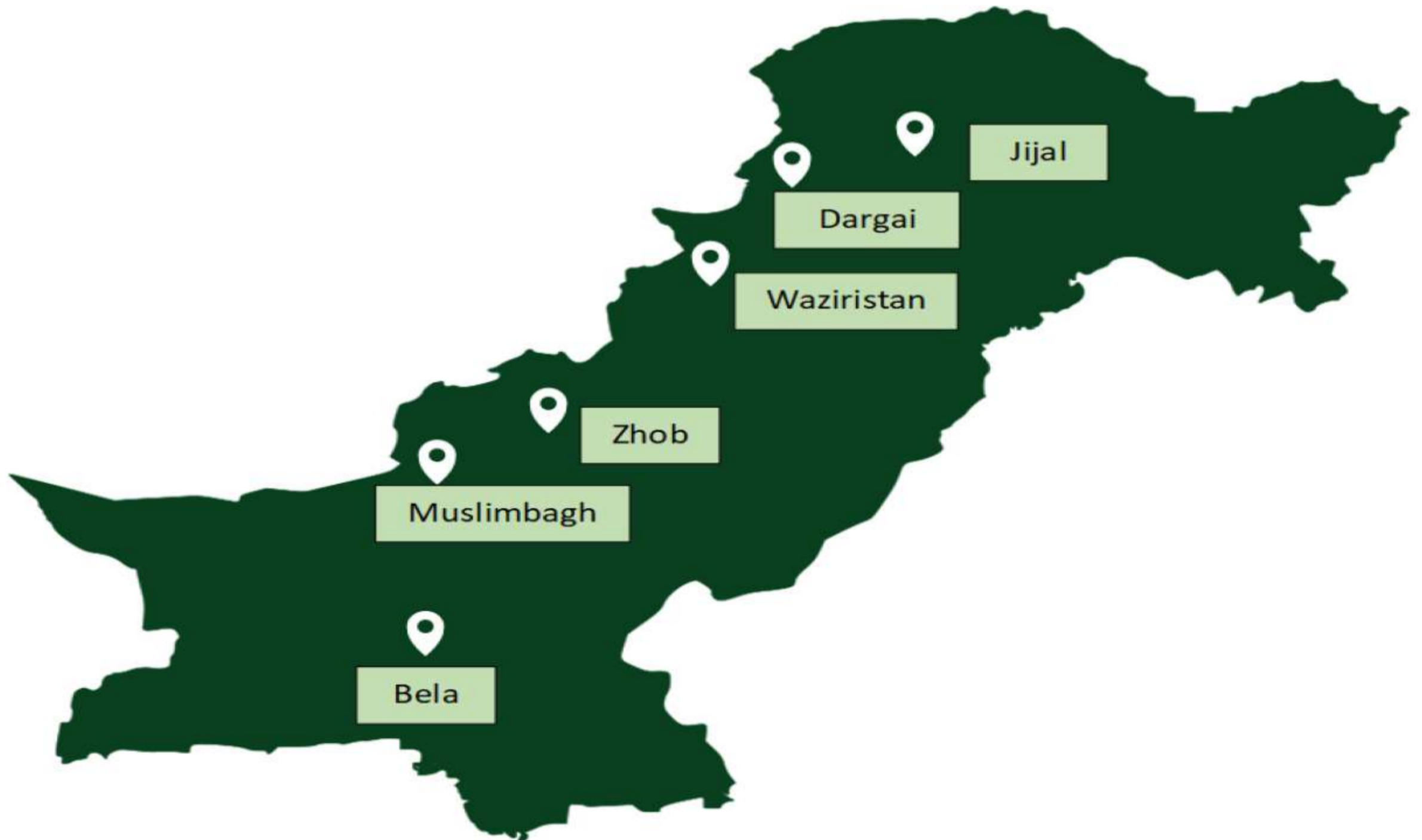
2 Chromite & its Processing

3 Market & Price Comparison

Chromite Geo-Mapping

Pakistan has an abundance of chromite reserves, with the best being located in Muslimbagh, Bela, Zhob, Dargai, Jijal, and Waziristan.

Mapping of Chromite Reserves in Pakistan



Chrome Ore Processing

Chrome ore processing involves crushing, screening, grinding, beneficiation and drying. Chrome ore beneficiation plant includes feeder, jaw crusher, impact crusher, vibrating screen, belt conveyor, concentrator, dryer and other equipments. During the chrome ore beneficiation process, chromite is crushed into small pieces, then go through further processing. After crushing, the material is separated into different size fractions by screening and hydrocyclone before being further concentrated. The product of the beneficiation process is usually a concentrate that contains a high percentage of chromium and other valuable metals and minerals. Chrome ore processing refers to the conversion of raw chrome ore into usable materials through various industrial processes. Chrome ore, also known as chromite, is a mineral that contains chromium, which is used primarily in the production of stainless steel and other alloys. Chrome ore beneficiation plant is a facility that processes the extracted chrome ore to improve its grade and remove impurities.

The beneficiation of chrome ore typically involves the following stages:

1. **Crushing:** The raw ore is crushed into smaller particles to facilitate further processing.
2. **Grinding:** The crushed ore is then ground to a finer size using grinding mills. This step helps to liberate the valuable minerals from the gangue (unwanted material).
3. **Gravity separation:** This is a common method used to separate chromite from other minerals based on the difference in specific gravity. Heavy media separation and spiral concentrators are often used in this stage.
4. **Magnetic separation:** Magnetic separation is employed to remove magnetic minerals or impurities from the chromite ore. Magnetic separators are used to attract and separate the magnetic components.
5. **Flotation:** In some cases, flotation is used to separate chromite from other minerals. Chemical reagents are added to create a froth that selectively attaches to the chromite particles, which can then be separated from the rest of the ore.
6. **Drying and smelting:** After the beneficiation process, the concentrate obtained is typically dried and then smelted to produce ferrochrome, which is used in the production of stainless steel. It's important to note that the specific processes and technologies used in chrome ore processing and beneficiation may vary depending on the characteristics of the ore deposit and the desired final product.

Chemical Analysis

Chromium Oxide (Cr ₂ O ₃)	48.72%
Silica (SiO ₂)	4.69%
Alumina (Al ₂ O ₃)	9.49%
Magnesium Oxide (MgO)	16.31%
Phosphorus (P)	0.002%
Sulphur (S)	<0.010%
Cr : Fe	2.44:1
Moisture	2%



Certificates

SGS Secured document

Certificate N°: 202300017673

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Ref.: BO2044092
August 21, 2023

CERTIFICATE OF QUALITY

CONSIGNMENT DESIGNATED AS

NAME OF CARRYING VESSEL : KMTG MUNDRA / 2305E

GOODS DESCRIPTION PROVIDED BY PRINCIPAL : CHROME ORE CONCENTRATE

PACKING : IN JUMBO BAGS

QUANTITY : 23 480 WMT GROSS BAGS IN 01X20 FT CONTAINER

CONTRACT NUMBER : PRO/2023/27 DATED: 7TH AUGUST, 2023

B / L NUMBER : KMTCKH0630439 DATE OF ISSUE: AUG 17, 2023

NOTIFY PARTY :

CLIENT / PRINCIPAL : SAREMCO

Reference to our "CERTIFICATE OF WEIGHT" BO2044092 DATED August 21, 2023, for the above goods. In pursuance of the instructions received from client/principal, we attended their advised stockyard at Yousuf Goth, Karachi on August 12, 2023, to carry out random sampling of tendered consignment from the tendered one lot during stuffing of Jumbo bags into containers and conduct analysis on final representative sample. We report our findings as follows:

TENDERED CARGO : At the time of our intervention, tendered cargo was in 20 jumbo bags and laying on finished floor in an open area for our inspection.

PACKING / GENERAL CONDITION : Consignment was tendered in jumbo bags & mouths of the bags were secured.

MARKING : No marking was found on tendered bags during our presence.

SAMPLING EXERCISE : Random sampling conducted as per ISO 6153 and requisite number of increments collected from randomly selected bags during loading of cargo into containers

INITIAL SAMPLE PREPARATION : Upon completion of sampling and loading operation initial sample preparation was performed at client/principal's facility based as per 6154 to obtain the composite bulk sample. Prepared samples kept in WPP bag separately, duly labeled, sealed, and brought to SGS Lab for final sample preparation and analysis. Whereas moisture sample preparation and size assessment were carried out at inspection site.

SIZE ASSESSMENT : Size assessment was performed on our collected lot wise drawn samples given as under.

- 0 - 5 MM : 100 %

Cont'd ... P/2

SGS Pakistan (Private) Limited
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August 21, 2023

MOISTURE SAMPLE : moisture sample analyzed at SGS lab, test result is given as under,

Test Item	Test Method	Unit	Test Result
Moisture	ISO 6129-1981 (E)	%	2.00 (two decimal zero zero)

COMPOSITE SAMPLE PREPARATION : At SGS Lab, composite bulk sample was further mixed, reduced, and pulverized to obtain representative shipment sample in 05 sets duly labeled and sealed by SGS plastic seal.

SAMPLE DISTRIBUTION : Following is the distribution of composite shipment sample.

- One set of sealed samples submitted in SGS lab for analysis on advised parameters.
- Two set of sealed samples handed over to client's representative.
- Two sets of sealed samples retained with SGS for the period of three months from sampling date, unless otherwise instructed.

TEST RESULT : Results obtained from our Lab are reproduced as under,

Test Item / Parameter	Test Method / Protocol	Unit	Test Result
Chromium Oxide (Cr ₂ O ₃)	Based on ISO 6331-1983 (E)	%	48.72 (Four eight decimal seven two)
Silica (SiO ₂)	Based on ISO 5997-1984 (E) / ICP-OES	%	4.69 (four decimal six nine)
Alumina (Al ₂ O ₃)	Based on ISO 6331-1983 (E) / ICP-OES	%	9.49 (nine decimal four nine)
Magnesium Oxide (MgO)	Based on ISO 6331-1983 (E) / ICP-OES	%	16.31 (one six decimal three one)
Phosphorus (P)	Based on ISO 6331-1983 (E) / ISO 4687-1 1992	%	0.002 (decimal zero zero two)
Sulphur (S)	Based on ISO 6331-1983 (E)	%	<0.010 (less than decimal zero one zero)
Cr : Fe	Based on ISO 6331-1983 (E) ICP-OES Calculated	-	2.44:1 (two decimal four four ratio one)

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STUFFING & WEIGHING : The cargo was stuffed into 01X20ft containers in our presence and weighed at client/principal's weighbridge. Following is the summary of weight.

- Gross weight of loaded cargo (20 bags) ascertained at weighbridge: 23 480 MT

The responsibility for the above findings is limited to time, date and place of intervention only and does not refer to any other matter. Quality is final at the time of loading of bagged cargo into 01X20ft containers at client/principal's warehouse in Karachi. The sole function of any seals applied by SGS is to indicate that the material bearing such seals has been inspected by SGS. Seals applied by SGS are not intended to secure material, lock the container or provide any security function. SGS does not provide security services and disclaims any liability in this regard. The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods that provide probability samples was not possible. The Holder of this document is cautioned that collected MANUAL samples of this type do not satisfy the minimum requirements for probability sampling, and as such cannot be used to draw statistical inferences such as precision, standard error, or bias. Any holder of the document is advised that information contained hereon is limited to the visual examination of the safety and readily accessible portions of the consignment only. Due to the nature of the cargo and limited access during inspection, items not recorded in the above description may be present.

[AT LOADING PORT]

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It is SGS Inspected and ISO 6331-1983 Certified.



Packing

- ✓ Jumbo Bags or as per your requirements.
- ✓ One container loads almost 27 Tons.
- ✓ We handle production of the Chromite Ore Concentrate from Balochistan and Waziristan.
- ✓ Packing as per your requirement, and Delivery to your designated port.



Shipping & Logistics

We use our viable options of shipping that suits a product.

- ✓ Sea Shipping
- ✓ Air Shipping
- ✓ Border Trade



Our Services

- ✓ We mine Chromite Ore Concentrate and its by Products.
- ✓ We handle production of the Chrome ore concentrate
- ✓ Packing, and Delivery to your designated port.

Payment terms are % advance and baland against BL Scan. Terms can be discussed.
We accept both LC & TT Mode of Payments.

Supply Time within 15 days after order confirmation.

MOQ is minimum 4 Containers or 100 Tons.

Supply Ability is 10000 Tons monthly

Complete Support to buyers after order by showing mining, processing, production and packing pictures and videos to keep you updated with order progress and delivery.



SAREMCO

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