



Minerals. Innovations.

## Minnovation Group, India

• Feldspar • Quartz • Silica • Clay



## About Company

**Minnovation Group, India, founded in 2011, is a leading miner, processor, and supplier of a large variety of Quartz, Sodium Feldspar, Potassium Feldspar, Silica Sand, and Clay minerals for various industries.**

We are an ISO 9001:2015 certified company and a certified member of CAPEXIL (an organization set up by the Ministry of Commerce, Govt. of India) and many other national and international industrial

## Mission

**At Minnovation, we strive to deliver cost-effective, better quality products and services everytime. We aspire to be a desired, long-term and reliable mineral supplying partner of our customers.**

## Vision

**At Minnovation, our vision is to provide our customers innovative mineral solutions with an objective to be a leading global mineral supplying company.**

## Values

**Our values is our BELIEF-**

- Belief
- Ethics
- Loyal
- Innovation
- Esteem
- Fulfill our larger objective towards society and nature

## Management Team



Minnovation Group is led by the founder **Mr. Atul Baldi**, Group MD. He is an engineering graduate who quit his well - paid IT professional job in pursuit of doing something on his own and founded Minnovation Group.

He has worked for MNCs like GE Money Bank, Nordic region, Europe and American Express, USA. His corporate stint has taught him various aspects of new-age businesses and made his approach toward business very professional, which helped him make Minnovation Group a world class organisation.

**Mr. Mukesh Gill**, COO, Operations senior most among the team, takes care of all the production processes and plant-related activities and has more than 27 years of experience. He has good business acumen and true leadership qualities.



**Mr. Karan Singh**, COO, Mining a soft-spoken gentleman, manages all mining-related activities and the stocking of raw materials as per quality and quantitywise requirements. He has 24 years of experience in the minerals processing industry.

**Ms. Nidhi Maheshwari**, CMO an academically brilliant lady, looks after marketing, supply chain, and customer communications. She has done her MBA in marketing and fully utilizes her knowledge for smoother supply processes for all customers.





## ➤ Mining

Currently, we are operating a total of five quarries, Two quarries of Sodium Feldspar, Two quarries of Potassium Feldspar, One quarry of Silica Sand and Clay, All our quarries are strategically acquired and blessed with enormous deposits of high-grade minerals.

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## ➤ Processing Facilities

We have a total of seven operational plants, Five grinding mills (for fine powder), One disintegrator (for grains), and One Silica Sand washing plant and all these facilities are equipped with latest technologies and located in Rajasthan's state of India.

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## ➤ Quality Assurance

Quality is a parameter of utmost importance for us. We are always determined and dedicated to supplying assured quality products. All materials are thoroughly checked in our in-house laboratory by our experienced and qualified lab technicians.

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## ➤ Transportation

Without safe and on-time delivery, all our efforts may go in vain. Thus Minnovation Group considers logistics as an important aspect of our business. Thus we have dedicated transport department and also have tie-ups with some reputed logistics companies.

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## | Sodium Feldspar Mineral:



Mostly used in frit, ceramic glaze, glass manufacturing and as fluxing agent in many other industries.

### TECHNICAL DATA SHEET

PROPERTIES	SF01	SF02
Silica (SiO <sub>2</sub> )	69±1 %	70±2 %
Alumina (Al <sub>2</sub> O <sub>3</sub> )	18±1 %	16±1 %
Potassium Oxide (K <sub>2</sub> O)	< 0.5 %	< 1.00 %
<b>Sodium Oxide (Na<sub>2</sub>O)</b>	<b>10.5±0.5 %</b>	<b>9+ %</b>
Calcium Oxide (CaO)	< 0.5 %	< 0.8 %
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	< 0.06 %	< 0.08 %
Magnesium Oxide (MgO)	< 0.30 %	< 0.50
Titanium Oxide (TiO <sub>2</sub> )	< 0.01 %	< 0.02%
Loss on Ignition (950°C)	< 1.00 %	< 1.00 %
<b>Fired Appearance (at 1175-1220 °C)</b>	<b>Milky White</b>	<b>Milky White</b>

## | Potash Feldspar Mineral



Mostly used in Frit, Ceramic Glaze, Glass, Welding Electrode manufacturing and fluxing agent in many other industries etc.

### TECHNICAL DATA SHEET

PROPERTIES	PF01	PF02-A
Silica (SiO <sub>2</sub> )	66±1 %	68±1 %
Alumina (Al <sub>2</sub> O <sub>3</sub> )	18±1 %	17±1 %
<b>Potassium Oxide (K<sub>2</sub>O)</b>	<b>11.5±0.5 %</b>	<b>10.5±0.5 %</b>
Sodium Oxide (Na <sub>2</sub> O)	2.5±0.5 %	3±0.5 %
Calcium Oxide (CaO)	< 0.5 %	< 0.5 %
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	<0.05 %	< 0.07%
Magnesium Oxide (MgO)	< 0.30 %	< 0.50
Titanium Oxide (TiO <sub>2</sub> )	< 0.01 %	< 0.02%
Loss on Ignition (950°C)	< 1.00 %	< 1.00 %
<b>Fired Appearance (at 1175-1220 °C)</b>	<b>Milky White</b>	<b>Milky White</b>

## | Quartz Mineral:



Mostly used in Quartz Surfaces, Construction chemicals, Frit, Ceramic Glaze manufacturing, Epoxy Flooring, Paints, Oil Field and other industries.

### TECHNICAL DATA SHEET

PROPERTIES	QS01	QS02
Silica (SiO <sub>2</sub> )	> 99.30 %	> 99.00 %
Alumina (Al <sub>2</sub> O <sub>3</sub> )	< 0.01 %	< 0.50 %
Potassium Oxide (K <sub>2</sub> O)	< 0.01 %	< 0.15%
Sodium Oxide (Na <sub>2</sub> O)	< 0.01 %	< 0.15 %
Calcium Oxide (CaO)	< 0.01 %	< 0.01%
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	< 0.03 %	< 0.05 %
Magnesium Oxide (MgO)	< 50 PPM	< 50 PPM
Titanium Oxide (TiO <sub>2</sub> )	< 0.01 %	< 0.01 %
Loss on Ignition (950°C)	< 0.10 %	< 0.10 %
<b>Physical Appearance</b>	<b>Super White</b>	<b>White</b>

## | Washed Clay



Mostly used in Ceramic Glaze, Paints, Paper manufacturing and many other industries.

### TECHNICAL DATA SHEET

PROPERTIES	LC01	LC03
Silica (SiO <sub>2</sub> )	48±1%	52±2%
<b>Alumina (Al<sub>2</sub>O<sub>3</sub>)</b>	<b>36±1%</b>	<b>30±3%</b>
Potassium Oxide (K <sub>2</sub> O)	<0.10%	<0.50%
Sodium Oxide (Na <sub>2</sub> O)	<0.20%	<0.50%
Calcium Oxide (CaO)	<0.30%	<0.50%
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.5±0.2%	0.5±0.5%
Magnesium Oxide (MgO)	<0.10%	<0.50%
Titanium Oxide (TiO <sub>2</sub> )	1±0.5%	1.5±0.5%
Loss on Ignition (950°C)	14±1%	15±2%
<b>L Value</b>	<b>93+</b>	<b>75+</b>
<b>A Value</b>	<b>&lt;1</b>	<b>&lt;2</b>
<b>B value</b>	<b>&lt;4</b>	<b>&lt;8</b>

## | Silica Sand



Mostly used in water filtration, construction chemicals, glass manufacturing, pesticides and many other industries.

### TECHNICAL DATA SHEET

PROPERTIES	WS01	WS02
Silica (SiO <sub>2</sub> )	98.5±1 %	97.5±2 %
Alumina (Al <sub>2</sub> O <sub>3</sub> )	< 1%	<2.5%
Calcium Oxide (CaO)	< 0.3 %	< 0.3 %
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	< 0.7 + 0.3 %	1.0 + 0.3 %
Loss on Ignition (950°C)	< 0.5	< 0.5 %
Physical Appearance	Creamish White	Light Brown

## | China Clay



Mostly used in Pesticides, Detergents, Rubber, Paper, Paints and as a filler in various industries

### TECHNICAL DATA SHEET

PROPERTIES	CC01	CC02
Silica (SiO <sub>2</sub> )	45±2 %	48±2 %
Alumina (Al <sub>2</sub> O <sub>3</sub> )	35±2 %	32±2 %
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.7 + 0.3 %	1.0 + 0.3 %
Titanium Oxide (TiO <sub>2</sub> )	< 1.50 %	< 1.50 %
Loss on Ignition (950°C)	< 14.50 %	< 14.50 %
Physical Appearance	Off White	Off White

## Major Industries we are serving

- › Bone China Tableware
- › Glass
- › Construction Chemicals
- › Insulators
- › Ceramic (Glaze & Body)
- › Frit
- › Oil Field (cementing)
- › & many more...
- › Sanitaryware
- › Paint
- › Welding electrode



# From India to World

- India
- Thailand
- Vietnam
- Malaysia
- Indonesia
- South Korea
- Taiwan
- Bangladesh
- China
- Saudi Arabia
- Mexico
- Morocco
- Qatar
- Kuwait
- UAE
- Ecuador
- & more...



## | HSE / CSR Activities



Books & Toys  
Distribution



Bird Feeding  
Stand Distribution



Cloth  
Distribution



Plantation

### Regd. Office: >>

B-231, R K Colony,  
Near Rajeev Gandhi  
Garden, Bhilwara (RAJ)  
India- 311001

### Works: >>

G-95,96,97  
RIICO-1, Ajmer Road  
Beawar (RAJ)  
India - 305901



### Branch Office: >>

Gala#3, Sai Kripa Industrial  
Estate, PL Lokhande Road,  
Chembure (W) Mumbai (MH)  
India - 400089

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