



Value Added Green Recycled Refractories



Net Zero Waste By 2030

VALUE ADDED GREEN RECYCLED REFRACTORIES



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JBTC

JAI BALAJEE TRADING COMPANY

GREEN CIRCULAR REFRACTORY RAW MATERIALS 

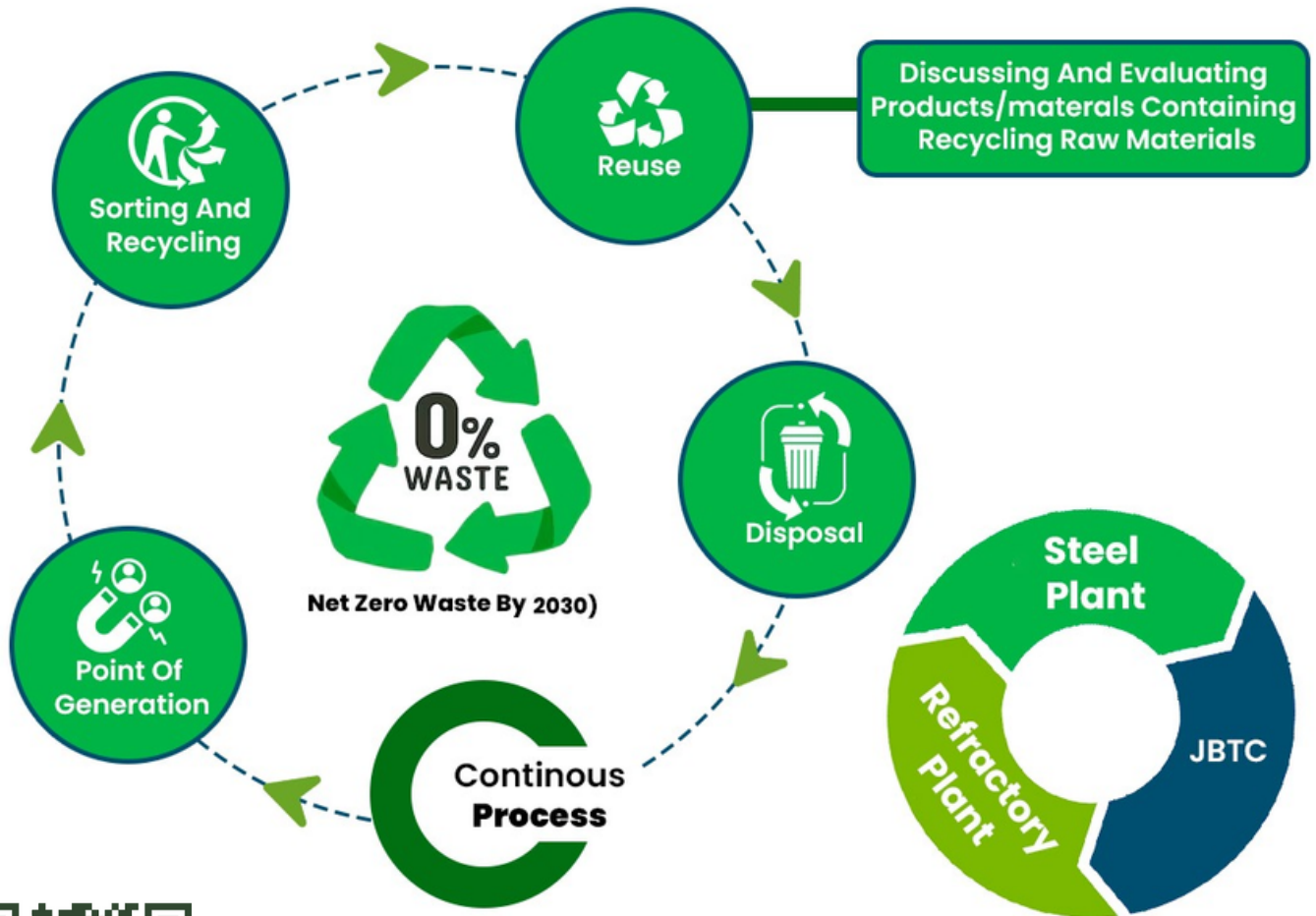
ABOUT JBTC

JBTC Jai Balajee Trading Company is a family owner company we traditionally follow corporate culture with value orientation our mission to reduce CO2 emissions and the make Green Circular Refractory Raw Materials.

We Have Experience In Refractory Industry From 1971

- **1971** - M/S Haryana Refractories was established in 1971 Ballabgarh Haryana India
- **1987** - M/S Rajasthan Refractories was established in 1987 Alwar & Jaipur Rajasthan India
- **2003** - M/S Jai Balajee Trading Company was established in 2003 Across India
- **2023** - M/S Maasharda Advanced Ceramics Private Limited was established in 2023 Across India

CIRCULAR REFRACTORY RAW MATERIAL



Scan QR-Code and learn more.



Basic raw materials

JBTC Green Mag Carbon A1

Raw material base
Magnesia Carbon

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂
94.0 %	1.5 %	1.0 %	1.0 %	1.0 %

JBTC Green Mag Carbon A2

Raw material base
Magnesia Carbon

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂
92.5 %	1.5 %	0.7 %	1.5 %	1.0 %

JBTC Green Mag Carbon A3

Raw material base
Magnesia Carbon

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂
90. %	2.0 %	1.0 %	3.0 %	1.3 %

JBTC Green Chrome Corundum

Raw material base
Chrome Bricks Mix

Source
Non-Ferrous Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Cr2O3	Al2O3	TiO2	SiO2	CaO	MgO	Fe2O3
92.0 %	2.4 %	0.2 %	0.5 %	0.5 %	0.1 %	0.5 %

JBTC Green Magnesia DBM 90

Raw material base
Magnesia Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As
Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂
90.0 %	2.0 %	2.5 %	1.5 %	3.0 %

JBTC Green Magnesia DBM 90 LF

Raw material base
Magnesia Bricks

Source
Cement Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂
88.0 %	3.0 %	0.5 %	1.0%	0.5 %

JBTC Green Magnesia DBM 85 LF

Raw material base
Magnesia Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per
Requirement



MgO	CaO	Al2O3	SiO ₂	Fe2O3
83.0 %	1.0 %	1.5 %	0.5 %	0.5 %

JBTC Green Magnesia DBM 92

Raw material base
Magnesia Bricks

Source
Cement Industry

Size
Grains Or Fines Or Lumps As Per
Requirement



MgO	CaO	Fe2O3	Al2O3	Fe2O3	SiO ₂
90.0 %	1.0 %	4.0 %	4.0 %	1.0 %	1.0 %

Jbtc Green Low Silica Mag-chrome 65

Raw material base
DBMC Magnesia Chrome Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂	Cr2O3
59.0 %	2.0 %	12.0 %	6.0 %	3.0 %	18.0 %

JBTC Green Calcined Mag 60

Raw material base
Calcined Dolomite Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂
58.0 %	32.0 %	2.0 %	1.0 %	2.0 %

JBTC Green Low Silica Mag-Chrome 55

Raw material base
DBMC Magnesia Chrome Bricks

Source
Non Ferrous

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	Al2O3	SiO ₂	Cr2O3	Na2O+K2O
53.0 %	2.5 %	8.0 %	6.0 %	3.0 %	13 %	0.5 %

JBTC Green Dense Mag-Chrome

Raw material base
Magnesia Chrome Backlining

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



MgO	CaO	Fe2O3	SiO ₂	Cr2O3
50.0 %	3.0 %	10.0 %	15.0 %	5.0 %



Non-basic raw materials

JBTC Green Alumina Spinal 95

Raw material base
Alumina Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	CaO 1	Fe2O3	MgO 1
93.0 %	0.5 %	0.5 %	0.5 %	4.0 %

JBTC Green Alumina Spinal 88

Raw material base
Alumina Bricks

Source
Steel industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	CaO	Fe2O3	MgO
85.0 %	0.5 %	0.5 %	0.5 %	1.1 %

JBTC Green Bauxite 80

Raw material base
Alumina Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	Fe2O3
77.0 %	1.7 %

JBTC Green Bauxite 70

Raw material base
Alumina Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	Fe2O3
68.0 %	3.0 %

JBTC Green Non Bauxite 55

Raw material base
Andalusite Bricks Mix

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	CaO	Fe2O3	TiO ₂	MgO	Na2 O+K2 O
53.0 %	35.0 %	0.3 %	1.7 %	0.5 %	0.5 %	0.6 %

JBTC Green Fireclay 45

Raw material base
Fireclay Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	Fe2O3	TiO ₂	Na2O+K2O
42.0 %	50.0 %	1.7 %	1.8 %	1.2 %

JBTC Green Non Bauxite 62

Raw material base
Andalusite Bricks Mix

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	CaO	Fe2O3	TiO ₂	MgO	Na2O+K2O
59.0 %	35.0 %	0.3 %	1.2 %	0.6 %	0.6 %	0.6 %

JBTC Green Silicon Carbide

Raw material base
Silicon Carbide

Source
Non Ferrous And Steel

Size
Grains Or Fines Or Lumps As Per Requirement



SiC	Fe2O3	Si3N4
59.0 %	1.2 %	6.4 %

JBTC Green Alumina Carbon

Raw material base
Slide Plates

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	CaO	Fe2O3	C
87.0 %	5.0 %	0.6 %	0.4 %	5.0 %

JBTC Green Alumina Magnesia Carbon

Raw material base
Alumina-Magnesia-Carbon

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	C
80.0 %	2.0 %	1.0 %	1.5 %	10.5 %	8.0 %

JBTC Green Alumina Silicon Carbide Carbon

Raw material base
ASC Bricks

Source
Steel Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃	TiO ₂	MgO	SiC
68.0 %	12.0 %	3.0 %	1.0 %	1.5 %	1.0 %	12.0 %

JBTC Green Alumina Silicon Carbide

Raw material base
ASC Bricks

Source
Non-Ferrous Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	SiC
56.0 %	31.0 %	1.5 %	0.7 %	0.7 %

JBTC Green Alumina Zirconia Silica

Raw material base
Alumina zirconia Silica Bricks

Source
Glass Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	Fe2O3	ZrO ₂
48.0 %	14.0 %	0.2 %	35.0 %

JBTC Green Fused Mullite

Raw material base
Fused Mullite

Source
Steel And glass

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	TiO ₂
75 %	24.0 %	0.1 %

JBTC Green Bauxite 65

Raw material base
Alumina Bricks

Source
Cement Plant

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	Fe2O3
64.0 %	2.8 %

JBTC Green Fireclay 45

Raw material base
Fireclay Bricks

Source
Cement Industry

Size
Grains Or Fines Or Lumps As Per Requirement



Al2O3	SiO ₂	Fe2O3
42.0 %	50.0 %	1.7 %

JBTC

JAI BALAJEE TRADING COMPANY

GREEN CIRCULAR REFRACTORY RAW MATERIALS ∞

Head Office

● Jaipur Rajasthan India

GSTIN:08ABMPA7448M1Z6

Recycling Plant

● Dudu Rajasthan India

GSTIN:08AAPCM1017P1Z1

● Bandalo Odisha India

GSTIN:21AAPCM1017P1Z1

Sorting Center

● Jajpur Odisha India (Currently Working In Association with RHI MAGNESITA INDIA LTD)

GSTIN:21ABMPA7448M1Z1

● Hazira Gujarat India (Currently Working In Association with TRL KROSAKI REFRACTORIES LTD)

GSTIN:24ABMPA7448M1ZC

● Sandur Karnataka India (Currently Working In Association with TRL KROSAKI REFRACTORIES LTD)

GSTIN:29ABMPA7448M1Z2



Recycling Plant



Warehouse



Sorting Center



Dudu



Jaipur



Surat
Gujrat



Odisha



Cuttack
Bandalo



Vijaynagar
Karnataka



Sandur



Salem
Tamilnadu



JAI BALAJEE TRADING COMPANY-JBTC



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