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- ▲ Profile & Company Overview
- Strength in Refractory
- Multiple Control of the Control o

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CONREF

Business Overview



We Continental Refractories Pvt. Ltd. – The company proud to put Indore on the refractory map of India is one of the leading manufacturers of quality Refractories and an established refractory plant engaged in providing complete Refractory product solutions to the Ferrous & non-ferrous Industries. Operating from *Indore*, Madhya Pradesh, India, **CONREF** has been continuously catering to refractory requirements of various Cement Plants, Power Generation Plants, Steel Plants, Glass & Ceramic Industry, Zinc & other Non-Ferrous Industry across the nation. CONREF has the Customer at the helm of its Mission and Customer Satisfaction as a way of life. The **CONREF** team, is extending its boundaries all the time in terms of potential, learning and growth, making best use of available resources, and maximizing value to the Customers, Stakeholders and its Associates. **CONREF** would like to be perceived as a provider of consistent quality product & services. **CONREF** Vision is the one that we completely dedicate and abide by.

CONREF is renowned for offering turnkey project solutions, from layouts to desired results and inculcating technical, non-technical services and processes. Since decades, we have been known for customizing services and target the ultimate satisfaction of our customers. Our core belief in professional excellence has taken us to stupendous growth in terms of achievement and customer satisfaction.

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Since 1982, **CONREF** has crossed many milestones and has made new ones to be followed. The sparking evolution has revolutionized the industry by infusing the seeds of innovative thinking.

An integral part of the well-diversified **CONREF** Group, our company is empowered to offer end-to-end solutions to the fields of Steel Plants, Glass Industries Power plants, and various other Non – Ferrous Industries. Our core competency lies in Executing Projects as per time and quality expectation of customers using the best of industrial practices at all levels.

CONREF has 35 years of experience, a nationwide network and a team of dedicated engineers. **CONREF** is engaged in various activities across the states of Odisha, Jharkhand, West Bengal, Rajasthan, Maharashtra, Madhya Pradesh, Karnataka, Andhra Pradesh, Uttar Pradesh, Himachal, Jammu & Kashmir, Haryana, Gujarat and Punjab alike.

CONREF lays a very high emphasis on Health, Safety and Environmental (HSE) issues and we are committed to provide a safe and healthy work environment for the protection of our most vital resource - our employees.

Our HSE policy is based on our strong belief that 'All our employees must return home to their loved ones without injury after work each day.

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Who we are



The Company established itself as a Refractory Plant in 1982. However; the principals of the company had previously been evolved within the industry at a high level with a combined experience of over 50 years, offering varied portfolios of services such as Manufacturing, Research & Development of Refractory Material and after sales services. **CONREF** is one of the fastest growing Refractory Manufacturer in India today. Having successful completion of many prestigious projects to its credit, we are among the most preferred Refractory Plant across the nation that is meeting its customers' demand economically and on time without compromising quality. Over the years, it has become one of the largest and well-equipped state of the art Refractory plants in India covering a wide range of products for use in the Ferrous & the non-ferrous Industries. Its customer base spreads from iron and steel to cement, aluminum, glass, copper, chemicals and hydrocarbon industries.

We have achieved excellent level of competence in manufacturing quality refractory such as High Alumina fired bricks from 35% to 90% Al203, Mullite, Magnesite, AZR, Mag-chrome, Light Weight Insulating Bricks to withstand Hot Face temperatures up to 1600°c and Monolithics consisting of Insulation Castings, Dense Castablee, Low Cement Castables, High Alumina Ramming Mass, Wet and Dry Air Setting Mortars and Insulation Mortars

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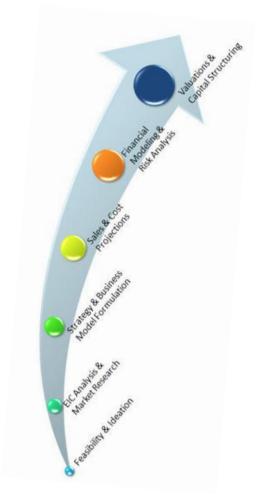
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Progress



When we started we were just a spec in the vast universe of industries. Working our way slowly and steadily, strictly adhering to our principles we have grown 20 folds from when we started.

Today our presence is well known across the nation. We have efficaciously taken this presence from nation to the global market. Our presence matters to both our customers as well as our competitors.



The Team **CONREF** is made of experienced managers, efficient administrators, highly qualified engineers and skilled manpower. With all the expertise at our disposal, we can offer to our clients a unique blend of knowledge, capacity and capability; all what a project needs to be successful.

We have helped successful execution of some of the most prestigious projects across the nation. Quality & timely delivery of the precise product does matter in completion of project. A dedicated workforce has been constantly working to follow highest quality standards and deliver all our projects in time. This is how we could keep our customers multiplying. We follow a strict quality management system to ensure that the procurement, manufacture and dispatch are carried out as per the required standards.

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Mission Vision & Philosophy



MISSION: To achieve twenty percent growth every financial year through sustained $R \subseteq D$ and product development.

VISION: To be the company that best understands and satisfies the product demands of our esteemed customers by being a world class Refractory Products & High Temperature Management Solution provider.

Our company's philosophy is to provide a product that is reliable, compliant with customers' demand, provide honesty and integrity throughout and always complete our deliveries to the satisfaction of the customer. With these key factors as our aim, we hope that this will make **CONREF** the number one choice.

The Company is constantly striving to improve upon its product, service and performances, thus delivering value and satisfaction to its customers. **CONREF** is a family oriented team with a long-serving workforce.

There are three strategic objectives, which govern our service delivery

- ▲ Achieve excellence in manufacturing quality refractory product.
- ↑ Provide a safe and secure net for our esteemed customers' (ROI), whereby there are no surprises in terms of breakdowns / unscheduled downtime.
- ↑ Stay tuned to maintain a customized customer focus in other words, optimize our sensitivity to individual customer needs, by way of a closed loop feedback mechanism.

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Quality Policy



We adhere to certain Quality Norms as below:

- ★ To achieve zero percent rejection in house as well as at customer's end.
- ↑ To achieve timely delivery for all precise product
- To grow by twenty percent in every year.
- **∧** Quality of work
- ▲ Good workmanship
- ▲ Inspection at every stage of work



Customer Service, being the backbone of an industry, we see to it that we value our clients and do our best to see their value being associated with us.

We believe in giving our clients good value for their money with an assurance of dedicated & well- executed services. We have stage wise inspections. Our high standards eliminate the faults at every stage, so that only the best pass on to the next.

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Infrastructure

1. CRUSHING & GRINDING.

S.No.	Name of Machine	Capacity	Nos.
1.	Jaw Crusher	3 Tons/Hr.	02
2.	Impact Mill	5 Tons/Hr.	01
3.	Perforated Pan Mill	4 Tons/Hr.	01
4.	Disintegrator	2 Tons/Hr.	01
5.	Magnetic Separator	4 Tons/Hr.	06
6.	Pulverizer	2 Tons/Hr.	02
7.	Vibrating Screen	5 Tons/Hr.	02
8.	Ball Mill	0.5 Ton	01

2. WEIGHING & MIXING.

S.No.	Name of Machine	Capacity	Nos.
1.	Batch Weighing	1000 Kgs.	03
2.	Mixer	500 Kgs.	08

3. PRESSING:

S.No.	Name of Machine	Capacity	Nos.
1.	Friction Screw Press	150 Tons	02
2.	Friction Screw Press	110 Tons	01
3.	Friction Screw Press	150 Tons	01
4.	Friction Screw Press	400 Tons	01
5.	Hydraulic Press	200 Tons	01
6.	Hydraulic Press	450 Tons	01
7.	Pug Mill	5 Tons /	01
		Shift	

4. DRYING

•	~	110		
	S.No.	Name of Machine	Capacity	Nos.
	1.	Dryer	35 Tons	02

5. FIRING:

S.No.	Name of Machine	Capacity	Nos.
1.	Tunnel Kiln with Drying Chamber Tunnel	1450° C & 1600° C	02
2.	Producer Gas Plant	5000-6000m² Per Day	02

6. MECHANICAL:

S.No.	Name of Machine	Capacity	Nos.
1.	Lathe Machine		03
2.	Electric Welding Machine	350 Amp.	03
3	Shaper		04
4	Grinder		01
5	Drilling Machine		02
6	Surface Grinding Machine		02
7	Permanent Mother Moulds		30 Sets
8	Air Compressor		02
9	Air Compressor		01



7. **ELECTRICAL / POWER:-** We have complete facilities for electrical work connected load of 240 KVA from MPSEB along with one diesel generator sets make Greaves Capacity 125 KVA.

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R & D / Testing Facility

Other than the above Infrastructure we have the following:



S.No.	Name of Machine	Capacity	Nos
1.	Cold Crushing Strength	2000 KN	1
	Cold Crushing Strength	250 KN	1
2.	Pyrometric Cone	1850° C	1
	Equivalent (PCE) Furnace		
3.	Refractoriness Under Load	1800° C	1
	(RUL) Furnace		
4.	Permanent Linear Change	1700° C	1
	(PLC) Furnace.		
5.	Air Oven	250° C	1
6.	Spalling Testing Furnace	1300° C	1
7.	Muffle Furnace	1250° C	1
8.	Electronic Balance	600 &	2
		200gm	
9.	Vibro Casting Machine		1
10.	Flame Photometer		1
11.	Thermal Conductivity		1
	Testing Apparatus.		
12.	Carbon		1
	Monoxide.Disintegration		
	Testing		
13.	Abrasive Index.	10 Kg.	1.
14	Optical Pyrometer.	2000° C	1
15.	Reversible Thermal	1100° C	1
	Expasion.		
16.	Modulus of rupture		1
17.	CREEP IN COMPRESSION	1700° C	1
	INSTRUMENT		
	(Computerized)		
18.	HMOR Furnace	1400° C	1



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About The Directors

Bholu Mehta.

Director



An MBA having a strong acumen for marketing has been a driving force for the progress of the company. He has set across many milestones in the progress of CONREF. Has been a true driving force for the progress of the group.

Jasbir Sandhu.

Director

A leader truly leading the team by own example. He has put in a lot for the success of the company. His long experience in the Steel industry has proved to be exemplary for the overall progress of the company. He has proved to be a pillar of strength for **CONREF**.

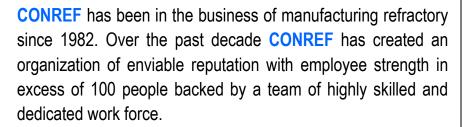
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Why CONREF



- ▲ Our ability to offer complete Customized Solution.
- ★ Well equipped "In-house" team to cater for various kinds of refractory material.
- ▲ Cost effective products without compromising the quality.
- ▲ Dedicated service team to offer special O & M support service.
- ▲ Technically competent project team.
- ★ Reliable after sales & service network spread across the nation to offer bespoke service support.



The company has invested heavily on Research and development.

When it comes to manufacturing Refractory, we have proved to produce highest quality refractory time and again, thus surpassing the satisfaction level of all our customers.

We have over 35 year of experience, a nationwide network and a dedicated team. By delivering all our projects right on time while adhering to the highest technical and quality standards. Which is why the most exacting clients keep coming back to us.



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Gen Information



Company : CONTINENTAL REFRACTORIES PVT. LTD.

Regd. Office. : 71,

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Indore – 452 015 (MP)

Telephone No. : 0731 – 6467526

Fax : 0731 – 2720183

email : conref@satyam.com

Web: www.continentalrefractory.in

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Our Product Line

Fire clay & High Alumina Bricks

					C.C.S.				
Brand Name	AL ₂ O₃ (%) (min.)	Fe₂O₃ (%) max.	AP % (max.)	BD gm/CC (min.)	kg/c m2(m in)	P.C.E. (OC) (MIN.)	R.U.L. ta°C (min)	PLC (%) Max.	Area of Application
CONREF-	40	2.5	23	2.1	250	32	1420	+/-1 at	Wall of Reheating
40								1450 Č/ 2	Furnace and Heat
								hrs.	Treatment Furnace
CONREF-	36	2	24	2	300	31	1400	+/-0.5 at	For Glass Melting
HGT								1450 Č/ 2	Furnace &
								hrs.	Reheating Furnace
CONREF-	39	1.7	18	2.1	400	31.5	1450	+/-0.2 at	For Blast furnace
BFA								1450 Č/ 2	stack lining
								hrs.	
CONREF-	42	1.5	16	2.25	500	33	1460	+/-0.5 at	For Blast Furnace
42 D								1450 Č/ 2	Hearth & Bosh
								hrs.	lining
CONREF-	42	1.7	18	2.2	350	33	1450	+/-0.5 at	Super Duty Bricks
42								1450 Č/ 2	for Ferrous & Non
								hrs.	Ferrous industries
CONREF-	45	1.5	22	2.2	350	34	1450	+/-0.5 at	Blast Furnace/Hot
45								1450 Č/ 2	Metal Ladle
								hrs.	
CONREF-	45	1.7	18	2.25	500	34	1480	+/-0.5 at	Lime Kiln/Glass
45D								1500 °C/ 2	Industries & Others
								hrs.	
CONREF-	50	2	23	2.3	350	34	1400	+/-1.0 at	Non Ferrous
50B								1450 Č/ 2	Industries
								hrs.	
CONREF-	58-	1.5	21	2.35	500	36	1520	+/-0.5 at	Glass & Frit
SMT	60							1500 Č/ 2	Industries
								hrs.	
CONREF-	62	1.2	21	2.4	500	36+	1550	+/-0.5 at	Glass & Frit
SMT62								1500 °C/2	Industries
	_							hrs.	
CONREF-	60	2.5	23	2.5	450	35	1420	+/-2.0 at	For steel Ladle &
60B								1500 °C/2	Reheating Furnace
								hrs.	
CONREF-	70	3.5	23	2.65	500	36	1450	+/-3.0 at	Ferrous & Non
70B								1500 °C/2	Ferrous Industries
								hrs.	

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CONREF

Our Product Line

Fire clay & High Alumina Bricks

CONREF- 70D	70	1.5	20	2.5	500	37	1550	+/-0.5 at 1500 °C/ 2 hrs.	Resistance to abrasion Thermal Shock in Ferrous & Non Ferrous Industries
CONREF- MUL	70- 72	0.8	20	2.5	650	38	1650	+/-2.0 at 1500 °C/ 2 hrs.	Mullite Bricks for Glass Industry Blast Furnace stove & Carbon Black Reactor
CONREF- 80HP	80	3	21	2.8	900	37-38	1500	+/-2.0 at 1500 C/ 2 hrs.	Reheating Furnace
CONREF- 88	88	1.8	18	3.0	800	37	1590	+/-0.5 at 1500 C/ 2 hrs.	Hearth of reheating Furnace
CONREF- 95	95	0.5	18	3.0	900	38	1630	+/-0.5 at 1550 °C/2 hrs.	Fertilizer & Petrochemicals

Note * The above data relate to pressed bricks only. These data are typical approximate guide value and not to be construed as binding specification.

*Size Tolerance : +/- 1% or +/- 2mm whichever is greater.



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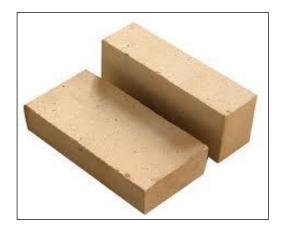
Our Product Line

REFRACTORIES FOR CEMENTS PLANTS

Brand	AL ₂ O₃ (%)	ZrO2 %	Fe₂O₃ (%)	AP %	BD gm/CC	C.C.S. kg/cm2(P.C.E. (OC)	R.U.L. ta°C	PLC	
Name	(min.)		(max.)	(max.)	(min.)	min)	(MIN.)	(min)	(%)	Area of Application
CONREF- HG4030	40	-	3	22	2.2	400	32	-	-	Preheater lower Cyclone, Cooler Wall
CONREF- HG45	45	-	1.5	19	2.25	450	34	1470	+/-0.5 1400 ℃/2 hrs.	At Precalcinator
CONREF- HA5030	50	-	3	23	2.35	400	33	-	-	Firing Hood
CONREF- HA60B	60	-	2.5	22	2.4	400	35	1450	+2.5 at 1500℃/2hr s.	Safety Zone of Rotary Kiln
CONREF- LF7030	70	-	3	23	2.6	550	36	1450	+3.0 at 1500℃/2 hrs.	Upper transition Zone of Rotary Kiln where no Alkali attack
CONREF- LF7020	70	-	2	18	2.65	600	38	1480	+3.0 at 1500℃/2 hrs.	Upper Transition zone of Rotary Kiln where Alkali attack exists
CONREF- LF7520	75	-	2	22	2.65	550	38	1500	+1.5 at 1500℃/2 hrs.	Precalcinator Roof
CONREF- AZR	70	8-10	2	22	2.85	600	36	1600	+2.0 at 1500℃/2 hrs.	Cooling Zone of Rotary kiln
CONREF- AZRHP	70	10	2	21	2.9	700	36	1600	+2.0 at 1500℃/2 hrs.	Upper Transition Zone of Rotary kiln

Note* The above data relate to pressed bricks only. These data are typical approximate guide value and not be construed as binding specification.

*Size Tolerance: +/-1% or +/ -2 mm whichever is greater.



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Our Product Line

LIGHT WEIGHT INSULATION

Brand Name	Al2o3 % (min.)	Fe2O3% (max.)	A.P.% (max.)	B.D. gm/cc (min.)	C.C.S. kg/cm2 (min.)	P.L.C.%	Thermal Conductivity Max. in Kcal/mh°C	Service Temp. Max.℃
CONREF - HFK45	40-45	1.5	58	1.0 - 1.1	30	+/- 1.5 at 1350ñC/2 hrs.	0.30 at 600ñC	1400
CONREF- POROSINT- 750	55	1.0	60	0.85	40	+/- 1 at 1400ñC/5 hrs.	0.25 at 600ñC	1400
CONREF- POROSINT- 1550	60	1.0	55	1.1	40	+/- 0.8 at 1450ñC/6 hrs.	0.30 at 600ñC	1550
CONREF- POROSINT- 1650	70	0.8	55	1.2	40	+/- 0.5 at 1450ñC/6 hrs.	0.40 at 800ñC	1650
CONREF- POROSINT- 1750	72	0.5	58	1.3	50	+/- 0.8 at 1450ñC/6 hrs.	0.50 at 1000ñC	1750
CONREF- POROSINT- 1850	98	0.2	58	1.45	60	+/- 0.8 at 1450ñC/6 hrs.	1.10 at 1000ñC	1850
CONREF - HDI	40-45	1.5	45	1.6	150	+/- 1.0 at 1350ñC/2 hrs.	0.60 at 600ñC	1300

ZIRCON/ZIRCON MULLITE BRICKS

Brand Name	Zr02 %	Al2o3 % (min.)	Fe2O3% (max.)	A.P.% (max.)	B.D. gm/cc (min.)	C.C.S. kg/cm2 (min.)	P.L.C. (OC) (min.)	R.U.L. ta °C (min.)	P.L.C.%	Area of Application
CONREF - ZM	18	68.0	-	21	3.1	500	-	1650	-	For Bottom Paving & other location of Glass Tank Furnace
CONREF - ZR	62	-	-	20	3.3	500	-	1600	-	For Bottom Paving & other location of Glass Tank Furnace

Note: * The above date relate to pressed bricks only. These data are typical approximate guide value and not be construde as binding specification.

^{*} Size Tolerance: +/- 1% or +/- 2 mm which ever is greater.

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Our Product Line

INSULATION CASTABLE

BRAND NAME	AL₂O₃ (%) (min)	Fe₂O₃ (%) (max)	Service Temper ature Č	Grain Size mm (Max)	BD(gm/cm 2) After drying at 100 °C for 24 Hrs.	C.C.S. (kg/cm2) At 110 Č (Min.)	Refractorin ess Č (min)	PLC (%) Max.
CONREF Insulyte-7	-	8.5	1100	0-6	0.85	12 at 110 C 4 at 800 C 6 at 1100 C	1337	+/- 1.2 at 1100 °C/ 3hrs.
CONREF Insulyte-11	-	3.5	1300	0-6	1.25	35 at 110 Č 25 at 800 Č 25 at 1100Č 40 at 1300 Č	1398	+/- 0.20 at 1100 C/ 3hrs.
CONREF Insulyte-13	-	3.5	1350	0-6	1.45	50 at 110 Č 30 at 800 Č 30 at 1100 Č 50 at 1300 Č	1398	+/- 0.20 at 1100 C/ 3hrs.
CONREF HT Insulyte	-	1.5	1500	0-6	1.55	80 at 110 C 40 at 800 C 40 at 1100 C 50 at 1300 C	1605	+/- 0.50 at 1100 °C/ 3hrs. +/- 1.5 at 1300 °C/ 3hrs.
CONREF LITE CAT-30	28-30	-	1000	0-4	0.75	10 at 110 Č	-	+/- 1.2 at 1100 °C/ 3hrs.
CONREF LITE-35	32-35	-	1300	0-4	1.50	25 at 110 Č	1605	+/- 1.2 at 1200 °C/ 3hrs.

Packing: - 50 Kgs Bags, Storage life-9 months, Delivery State-Dry Note

- (1) All tests carried our as per BIS 10570-1983.
- (2) Supply can be also made as per Customer requirement.

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Our Product Line

LOW CEMENT CASTABLE

BRAND NAME	AL ₂ O ₃ (%) (mi n)	Fe₂O₃ (%) (max)	P.C. E. (°C/ OC) min	Grai n Size mm	BD(gm/ cm) (Min) after drying	C.C.S. (KG/C m2) At 110°C/ 2 Hrs.	C.C.S. (KG/Cm2) At 800 °C/2 Hrs.	C.C.S. (KG/Cm2) At 1400 ℃/2 Hrs.	P.L.C (%) At 1400°C/3 Hrs.	Water require d For Casting	Servic e temp. Max. Č
CONREF LC-45	45	1.0	32	0-5	2.3	700	800	1000	+/- 0.6	4.5-5.5	1550
CONREF LC-60	60	1.0	36	0-5	2.6	800	800	1000	+/- 0.8	4.5-5.5	1600
CONREF LC-70	70	1.5	34	0-5	2.7	750	820	1050	+/- 0.8	4.5-5.5	1750
CONREF LC-80	80	2.0	37	0-5	2.8	800	950	1100	+/- 0.8	4.5-5.5	1700
CONREF LC- 90	90	1.0	37	0-5	3.0	950	1000	1150	+/- 0.8	4.5-5.5	1750
CONREF LC ZIRMUL	55	Zr 02-18	-	0-5	-	800	1100	1100	+/- 0.5	4.5-5.5	1550

Note: * 95% minimum will pass through maximum grain size indicated.



^{*}These data are typical approximate guide value and not be construed as binding specification.

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Our Product Line

CONVENTIONAL CASTABLE

Brand Name	AL ₂ O ₃ (%) (min.)	Fe ₂ O ₃ (%) (Max.)	P.C.E. (CO) (MIN.)	Grain Size (mm)	BD(gm/cm) (Min) after drying	C.C.S. (KG/Cm2) At 110 ℃/24 Hrs.	C.C.S. (KG/Cm2) At Service Temp./ 2 hrs.	Service temp. Max. Č
CONREF CAST-N	45	3	1450	0-5	2.0-2.2	250	300	1350
CONREF CAST SUPER	70	5	1680	0-5	2.30	250	350	1450
CONREF CAST SPL	45	4	1580	0-5	2.00	210	240	1400
CONREF CAST-C	50	2	31	0-5	2.10	200	350	1500
CONREF CAST-K	60	2.5	32	0-5	2.20	250	400	1600
CONREF CAST-A	90	0.8	35	0-5	2.75	500	600	1750

Note:

* 95% minimum will pass through maximum grain size indicated.



^{*}These data are typical approximate guide value and not be construed as binding specification.

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CONREF

Our Product Line

FIRE CLAY & HIGH ALUMINA MORTARS

Brand Name	AL ₂ O ₃ (%) (min.)	Fe₂O₃ (%) (max.)	P.C.E. (°C OC) (MIN.)	Grain Size (mm)	Setting	Area of Application
CONREF-40	40	2	32-33	0-0.5	Ceramic	For laying 40% alumina Bricks
CONREF-M-5	50	2	33-34	0-0.5	Air Setting	For laying 50% alumina Bricks
CONREF-M- SMT	58-60	1.5	35	0-0.5	Ceramic	For laying sillimanite Bricks
CONREF-M-6B	60	3	34	0-0.5	Ceramic	For lying 60% alumina Bauxite Base Bricks
CONREF-M-7B	70	3.5	35	0-0.5	Ceramic	For laying 705 Alumina Bauxite Base Bricks
CONREF- CONTEX	50	2	34	Liquid	Ceramic/ Chemical	Liquid Mortar for laying
CONREF-M- MUL	70	0.8	38	0-0.5	Ceramic	For laying mullite Bricks
CONREF-M-ZM	60	ZrO2 12	36	0-0.5	Ceramic	For laying Zircon Mullite Bricks

Note: * 95% minimum will pass through maximum grain size indicated.

^{*}These data are typical approximate guide value and not be construed as binding specification







71, Sector – C, Industrial Estate Sanwer Road Email – conref@sify.com Web – www.continentalrefractories.in



Our Product Line

BASIC MORTARS

						Sintering	
	MgO(%)	Cr203 %	Sio2 %		Grain	Temperature	
Brand Name	(min.)	(min.)	(max)	Setting	size	(°C)	Area of Application
CONREF-MCM	40	25	-	Ceramic	(0-0.5)	1600	CHM Bricks Lying
CONREF-MGM	85	-	8	Ceramic	(0-0.5)	1650	MGT Bricks Lying
CONREF-M-SPL	90	-	2	Ceramic	(0-0.5)	1650	High Purity MGT
							Bricks Lying

Note: *95% minimum will pass through maximum grain size indicated.

BASIC BRICKS

Brand Name	Mg0% (min.)	Cr2O3 % (min.)	Si02% (max.)	Fe2O3% Typical	A.P.% (max.)	C.C.S. kg/cm2 (min.)	R.U.L. ta°C (min.)	Area of Application
CONREF - MGT	85	-	6.5	-	22	350	1600	Lime Shaft Kiln
CONREF - MGT (L)	87	-	6.5	-	22	350	1550	EAF, LD & Ladle back up
CONREF - MGT (H)	96	•	1	0.5	17	500	1700	Glass Tank Regenerator & Chemical Industries
CONREF - MCH	63	11	6.3	-	22	300	1600	Open hearth roof / Reheatring Furnace
CONREF - MCH (L)	74	6.5	6	-	23	250	1600	Lime Shaft Kiln

^{*}These data are typical approximate guide value and not be construed as binding specification.

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CONREF

ISO Certification



DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 6616-2007-AQ-IND-RvA Rev. 02

This is to certify that

CONTINENTAL REFRACTORIES PVT. LTD.

at

71, Sector C, Sanwer Road, Industrial Estate, Indore - 452 015, Madhya Pradesh, INDIA

 $has\ been\ found\ to\ conform\ to\ the\ Quality\ Management\ System\ Standard:$

ISO 9001:2008

This certificate is valid for the following scope:

MANUFACTURING AND SUPPLY OF REFRACTORIES

Initial Certification date: 09 August 2007

This Certificate is valid until: 08 August 2016

The audit has been performed under the supervision of:

Soumya Chatterjee



Place and date of issue: Chennai, 13 August 2013

for the Accredited Unit:
DET NORSKE VERITAS CERTIFICATION B.V.,
THE NETHERLANDS

Bhupalam Ajit Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement & the annexure to this certificate may render this Certificate invalid.

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Crisil Certification



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CONREF

Awards, Appraisals & Acknowledgements

DurgBHILAI.5.

Steel Melting Shop-I achieves milestone of 40 Ladle Heats

In addition, the technical guidance given by the officials of Refractory Engineering Department and Steel Melting Shop at proper intervals also proved beneficial

■ Staff Reporter

BHILAI, May 15

STEEL Melting Shop-I (SMS-I) of Bhilai Steel Plant (BSP) recently achieved a milestone of 40 Ladle Heats using the highly acclaimed Alumina ladle bricks of Continental Refractory Private Limited (CONREF), Indore.

As against the production guarantee of 30 ladle heats at the SMS

using CONREF bricks, SMS-I produced a record 40 ladle heats. This achievement could be attributed to high quality pre raw materials used and disciplined performance during production process.

In addition, the technical guidance given by the officials of Refractory Engineering Department and Steel Melting Shop at proper intervals also proved beneficial.

This achievement was also the result of assistance through discussions done with the Directors of CONREF.

CONREF supplies around 80 percent of the high alumina ladle bricks to the plant.

The plant management also prefers CONREF bricks because of their repute in quality control and timely delivery of the stock.

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CONREF

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स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड

(भारत सरकार का उपक्रम)

भिटाई डरपात संयंत्र

भिलाई 490 001 (छत्तीसगढ़) e-mail : sailbsp@sancharnet.in



Steel Authority of India Limited

(A Govt. of India Enterprise)

BHILAI STEEL PLANT

BHILAI - 490 001 (Chhattisgarh) फैक्स / FAX : 0788-2222890, 2223491

TO WHOM SO EVER IT MAY CONCERN

WE ARE PLEASED TO INFORM THAT M/S CONTINENTAL RFRACTORIES PVT. LTD.INDORE IS REPUTED SUPPLIER TO BHILAI STEEL PLANT FOR THE LAST TWO YEARS. THE QUALITY AND DELIVERY IS OUTSTANDING.

WE ARE USING FOLLOWING PRODUCTS SUPPLIED BY M/S CONTINENTAL REFRACTORIES PVT. LTD. i.e. FIRE BRICKS, BLAST FURNACE BRICKS, LADLE BRICKS (UPTO 80% AL203) AND LOW CEMENT CASTABLES (UPTO 70% AL2O3). THE PERFORMANCE OF ALL THESE PRODUCTS ARE QUITE SATISFACTORY AT DIFFERENT APPLICATIONS.

AFTER SALES AND SERVICES OF M/S CONTINENTAL REFRACTORIES PVT. LTD. IS ALSO EXCELLENT.

THIS HAS BEEN ISSUED AT THE REQUEST OF M/S CONTINENTAL REFRACTORIES PVT. LTD. TO EXPAND THEIR BUSINESS OPERATIONS.

WE WISH THEM ALL SUCCESS.

(R.P.KHANNA)
DGM (REFRACTORY)
BHILAI STEEL PLANT
असर. पी. खडका
उप महा प्रवंधक (चिक्रे

आप हमारे साथ हिन्दी में भी पत्र व्यवहार कर सकते हैं। पंजीकृत कार्यालय : इस्पात भवन, लोधी रोड, नई दिल्ली - 110 003 Regd. Office : Ispat Bhawan, Lodhi Road, New Delhi - 110 003

71, Sector – C, Industrial Estate Sanwer Road Email – conref@sify.com Web – www.continentalrefractories.in

CONREF

Awards, Appraisals & Acknowledgements



GRAPHITE INDIA LIMITED

88, MIDC INDUSTRIAL AREA, SATPUR, NASHIK 422 007 PHONE: (0253) 2203300 - 328. FAX: (0253) 2350676 E-MAIL: satpur@graphiteindia.com

TO WHOM SO EVER IT MAY CONCERN

We are pleased to inform that M/s. Continental Refractories Pvt. Ltd., Indore is reputed supplier to M/s. Graphite India Ltd. for the last one decade. The quality and delivery is outstanding.

We are using various quality of Bricks like A-35, A40, A40K, S50, 42-45% Al2O3 Bricks, Mullite Bricks along with Insulation / Semi Insulation Bricks, Mortars & Castables 45 to 70% Al2O3 in the various Plant i.e. RH Furnace, Recirculating Baking Furnace, Specialty Baking Furnace & Graphatised Section. The Performance of all these products are quite satisfactory at the above entire application area.

After sales and services of M/s. Continental Refractories Pvt. Ltd. Indore are also excellent.

WE WISH THEM ALL SUCCESS



(D. R. RATNAPARKHI) Dept. Head (Purchase & Stores) GRAPHITE INDIA LTD.



REGD. & H. O.: 31, CHOWRINGHEE ROAD, KOLKATA-700 016.

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Ref No.: GIL / MMD/ VR /2100232

GRASIM

Dec 15th, 2009

M/s CONTINENTAL REFRACTORIES 71, SECTOR CINDUSTRIAL ESTATE, INDORE-Madhya Pradesh-452015

E Mail: conref@satyam.net.in

Phone/ Mobile: 07312722670 2...09826049027 0... Fax: 7312720183

Contact Person: Yam Thapa

"CONGRATULATIONS

Dear Sirs.

We would like to share our Business expectations / achievements with our all Business Partners and have your views / suggestions for further strengthening our relationship.

Aditya Birla Group is a US \$28 billion corporation, in the League of Fortune 500, anchored by 100,000 employees in 25 nationalities. Globally, Aditya Birla Group is No. 1 in Viscose Staple Fibre. Grasim-Nagda is the state-of-the-art VSF manufacturing facility since 1954 having a capacity of 450 TPD. Also, it is an ISO 9001, 14001 OHSAS & SA 8000 certified company. Additionally, Engineering division is an ASME U Stamp authorised unit. "World Class Manufacturing" has become a culture in Aditya Birla Group.

Beyond business, we are working in 55 villages, for one lac people, focusing on health care, education, sustainable livelihood, infrastructure and espousing social cause running 16 Schools and 3 Hospitals.

We take this opportunity to share your performance and seek feedback.:

 Your performance is our strength. We are pleased to inform you that based on the transactions we had with you, your rating for the FY 2008-09 is as under:-

Period	Delivery Score	Quality Score	Total Score	Perforn	nance Rating
2008-09	60	38	98	A	Excellent

Our Heartiest Congratulations for achieving "A" Grade vendor rating. We expect you to continue this trend and become one of the Most Potential Vendor of our Grasim- Nagda Group

 As we are an SA 8000 certified unit, it is mandatory for us & our vendors to comply with SA8000 requirements and maintain record of Human Resources deployed at our vendors. Accordingly we are sending here with a Questionnaire named Vendor Evaluation Form and request you to return the same duly filled-up and signed latest by 15.01.2010.

3. Your view / suggestions always give us energy to drive towards golden tomorrow. We are enclosing herewith our "Vendor Satisfaction Survey - 2009" format also with anticipation that you will return the same latest by 15.01.2010

 Also, Please check your contact & other commercial details. In case you observe any discrepancy, please immediately inform us for necessary correction in our database at email idquotation@adityabirla.com.

Thanking you,

Yours faithfully,

For, Grasim Industries Ltd.,

No.

Anil Kumar Gupta General Manager – Materials Permanent Account No Local Sales Tax No Central Sales Tax No

TIN No ECC Number Excise Range Excise Division

Excise Division
Excise Commissionerate

AAACC7056K

0111/VII/747/8/S DTD.15/7/97 0111/VII/672/C DTD.15.07.97 (Please inform)

AAACC7056KXM001 II,INDORE

1,INDORE

GRASIM IDUSTRIES LIMITED

Materials Management Department, SFD, EDD, EFD, CSMC, Non Woven Division Birlagram 456-331, Nagda (M.P.)

Phone: 07366-247160-66, Fax: 07366-244114,247160 E Mail: quotation@adityabirla.com

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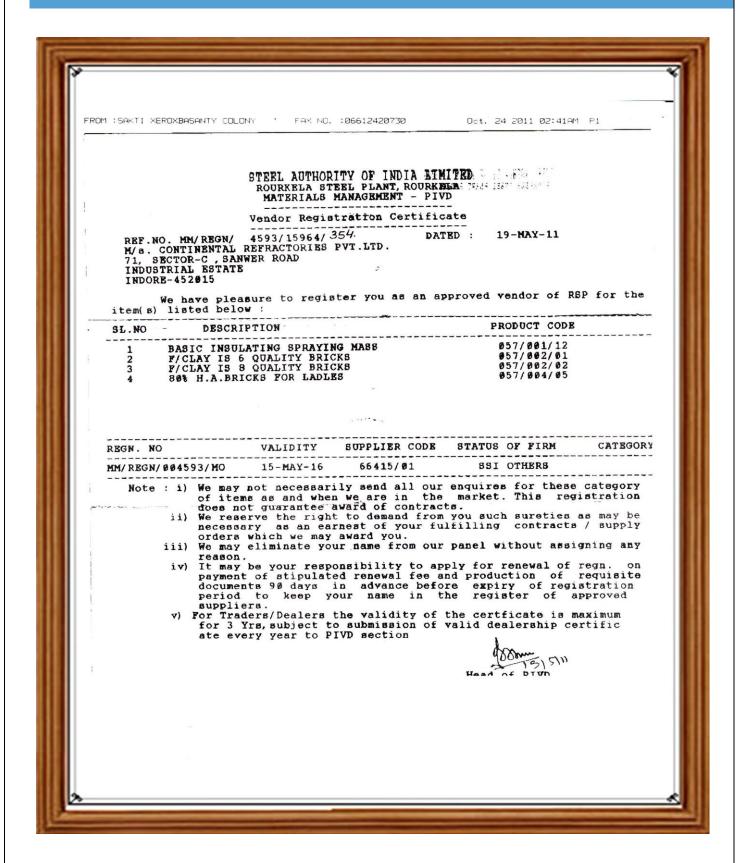
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CONREF

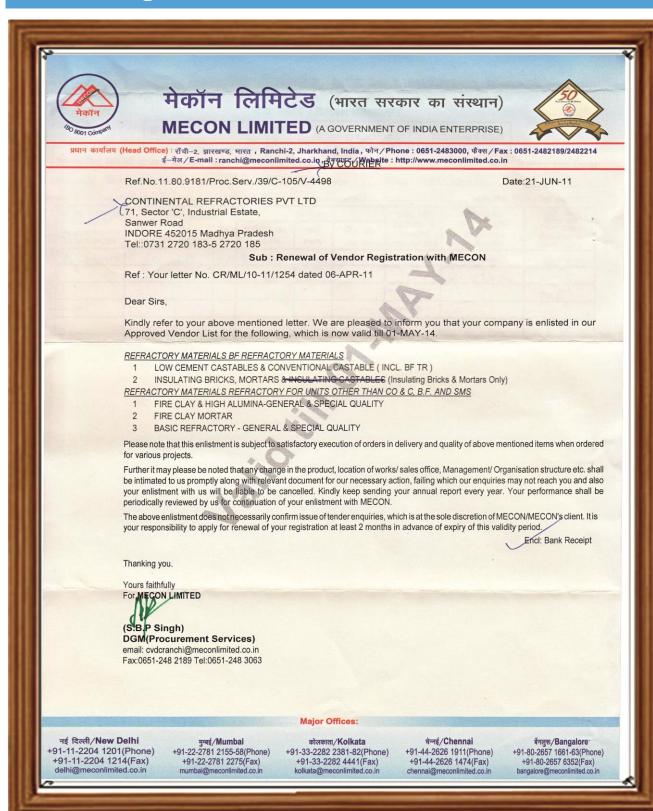
Vendor Registration



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Vendor Registration



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CONREF

Vendor Registration

GC/PUR/VE/12-13 Date: 14.05.2013



Vendor Code :400292 CONTINENTAL REFRACTORIES PVT LTD 71, SECTOR -C, SANWER ROAD, INDUSTRIAL ESTATE, INDORE - 458003

Phone:2722670/2720184 Fax :0731-2720183 Email:conref@satyam.net.in

Sub: Vendor Performance Apprasial From 01.04.2012 to 31.03.2013

Dear Sir(s),

In connection to our efforts to keep our regular vendors informed about their performance and to highlight such area where improvement is needed, we are intimating you about your performance as vendor for above said period.

Period		Category	Overall Rating	Area for Improvement / Suggestions
01.04.201	2 to 31.03.2013	A	100.00	Very Good performance. Keep it
				up.

Please find enclosed out detailed work sheet for the above said period.

Thanking You,

Yours faithfully For (UNIT: RAWAN CEMENT WORKS)

8 yoheshwa (SANJAY MAHESHWARI) MANAGER (PURCHASE)

ULTRATECH CEMENT LIMITED (UNIT: RAWAN CEMENT WORKS) GRASIM VIHAR, VILLAGE RAWAN, CHHATTISGARH-493196, INDIA TEL: 7726-288217 FAX: 7726-288215

Regd Off: Ahura Centre, B-Wing, 2nd Floor, Mahakali Caves Road, Andheri(east), Mumbai-400 093

71, Sector – C, Industrial Estate Sanwer Road Email – conref@sify.com Web – www.continentalrefractories.in

CONREF

Certificate of Incorporation



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CONREF

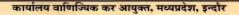
Factory License

	COVENIE	
	GOVERNMENT OF MA	DHYA PRADESH Original
/		
		Folio No
	LICENCE TO WORK	A FACTORY COOK
	(Form No. 3, prescribed under Rule 5 o	f M.P. Factories Rules 1962)
	Licence No. 151/1073/1710/2001)	Fecs Rs 39,600/
	(Mention this number invariably in all correspondences with this office)	Challan No. 119
		Change 140, 2.2.
	अवक्रमांक 368विमाक 38 2/3	
	अक्रमंकि असी के साथ ह	Date 9 21/12
	क्रमी त्य शाया	Treasury SDT. Zondese
	Licence is hereby granted to Shri Bhalle Me	chta
	occupie of Continent la Retage 18	in and in
	located at 71. Sectors - C" Tordy Brea Section (Subject to the provisions of the Factories Act, 1948 and the rules m	mulebinin Tall
	(Subject to the provisions of the Factories Act. 1948 and the rules m	rad the said
	Valid only for the premises at the above location (as per the plans a	proved under the E-resistant annexed here with)
	a factory employing not more than 100.	pproved under the Pactories Act and Rules) for use as
	(in words and hundered	North-
	installed motive power not exceeding 250) workers on any one day during the year and having
7	Wohlendered Filt Jahrere the manufacturing pro	Horse power (in words
	where the manufacturing pro-	cess of the the court of the co
	This licence shall remain in force till the 31st day of December (3013 79015	per, 20/3, 20/4, 20/5 Julian
	Indore	
	Dated, the . 21-1-13	Third Inspector जी प्रांतिक है जिल्ल जिल्ला Madhana के बांबर के, इन्दोर (स. प्र.)
	(—This licence shall be framed and exhibited in the factory at demand.)	
	demand.)	a shart be made available to the Factory Inspector on
	1. Application for renewal of licence, in the prescribed form	(Form No. 4 as incorporated in the M.P. Factories
	Rules, 1962) accompanied with the original challan for adequate fees of the preceding year. For late submission of the application 25% of	
	Note - For calculating the maximum number of workers to be emp	loved on any day desired
	workers (in all the shifts) employed on that day and the wo this total, shall be taken.	rkers employed through all agencies also included in
	2. All fees shall be deposited under the following head of accounder the Factories Act." Care shall be taken to reproduce this had	unt. "0230-I abour and Employment 104 P
	under the Factories Act." Care shall be taken to reproduce this head Treasury or the Bank is legibly affixed.	correctly on all challan forms and that the seal of the
	The fees for obtaining a duplicate copy or for affecting any	
		amendment there in, is as prescribed in the Rules.
	GRPI/607/7-3-12/DIH&Sindore-200 Books	•

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TIN - VAT



मध्यप्रदेश शासन, वाणिज्यिक कर विभाग द्वारा अधिशासित विभिन्न अधिनियमों के तहत पंजीयत करदाताओं के वर्तमान पंजीयन प्रमाण पत्र क्रमांक को, 11 अंकों के नये करदाता पहचान क्रमांक (Tax Payer's Identification Number -TIN) में परिवर्तित किया जा रहा है । दिनांक 1.07.2003 के पश्चात विवरण पत्रों, कर राशि के चालानों, विक्रय बीजकों तथा अन्य दस्तावेजों में, यथास्थान, वर्तमान पंजीयन प्रमाण पत्र क्रमांक के स्थान पर, नये TIN का उल्लेख करना अनिवार्य है, क्योंकि उक्त दिनांक के पश्चात पुराना पंजीयन प्रमाण पत्र क्रमांक वैध नहीं माना जाएगा ।

जावक क्र : 36174

वृत कार्यालय इंदौर-11 में पंजीयत मेसर्स कान्टीनेन्टल रिफरेक्टरीज प्रा.लि. 71 सी सावेर रोड इन्दौर

के नये TIN का विवरण निम्नानुसार है -

अधिनियम (Act) का नाम आपका वर्तमान पंजीयन प्रमाण पत्र क्रमांक आपका नया TIN वाणिज्यिक कर 011107478S 23131100747

(यदि करदाता केन्द्रीय विक्रय कर अधिनियम के तहत पंजीयत है तो उनका केन्द्रीय पंजीयन प्रमाण पत्र क्रमांक भी उक्त दिनांक के प्रश्चात वही होगा, जो प्रांतीय अधिनियम के तहत उनको जारी नया TIN है।) यह सूचना पत्र आपके मूल पंजीयन प्रमाण पत्र के सह-पत्र के एक्ट प्रें केर है अतः दसे मूल पंजीयन प्रमाण पत्र के साथ सुरक्षित रखें। इस सूचना पत्र की प्राप्ति दिनांक को यदि कोई पंजीयन प्रमाण पत्र निरस्त (Cancelled) है, तो उसकी वैधानिकता (Validity) में इस सूचना पत्र के कारण कोई परिवर्तन नहीं होगा।

V, IV (विश्वपति त्रिवेदी) आयुक्त, वाणिज्यिक कर, मध्यप्रदेश

Processed at Aditi Computers, Ratlam. Tel: 07412-240003.

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Excise Certificate

ecc_repx_allot_03012007_165545

Page 1 of 1

Form RC

Central Excise Registration Certificate

[Under Rule 9 of the Central Excise Rules, 2002]

This is to certify, subject to conditions specified below, that M/s

REGISTERED COMPANY (Registrant and its constitutions) is registered for MANUFACTURING OF EXCISABLE GOODS

(type of business) at CONTINENTAL REFRACTORIES PVT. LTD., 71 SECTOR C, SANWER ROAD, INDUSTRIAL

AREA, INDORE INDL EST, INDORE, MADHYA PRADESH, 452015 (address of the business premises) on the basis of the
application received in this office on (date of receipt).

Registration Number is : AAACC7056KXM001

उप आयुक्त

Deputy Commissionissiffiffice of the
सीमाठसुन्नां लेट्टोमाञ्च्यकार व्यक्तिस्थित है स्वीस्ट्रिट

Date: 03/01/2007 Place: INDORE

Conditions

- (i) This Registration Certificate is valid for the premises and purposes specified in the application.
- (ii) Registration Certificate is not transferable.
- (iii) This Registration Certificate is not valid in case the constitution of the management of the firm undergoes change(s).
- (iv) No corrections/changes in the Registration Certificate will be valid unless the request for any correction/change is applied for and the same is acknowledged.
- (v) This Registration Certificate shall remain valid till the Registrant carries on the activity for which it has been issued or surrenders it or till it is revoked or suspended.
- (vi) The grant of this Registration Certificate shall be without prejudice to the rights of any other person(s) over the registered premises or purpose to which such person may be lawfully entitled.

http://164.100.17.29/servlets/ecc repx_allot?p1=975

1/3/07

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CONREF

CST -VAT

8	कार्यालय वाणि	ज्यक कर उ	गधिकारी इन्द <u>ै</u>	र वृत्त४⁄	VIX.
	/वाक/पंजी/97			eap ta 5	IPR
प्रति, व्यवसा	हाँकी में उन्हें के हाम क्षीत्र प्रचान के जिस्से करने कि स्वर्ध के लिए		न्य के किया किया के किया के किया के किया किया किया के किया किया किया किया किया किया किया किया	10 d app	P) 100
Tip 703	The second secon	Aget - C.		(प्रांतीय)	
(UF)	विषय :- इन्दौर स्थित वृत्तो	के पुनर्गठन के आधार	पर पंजीयन क्रमांक में परिवर्त	- — — (केन्द्रीय न	
आ गय	1 अप्रैल 1997 से इन्दौर स्थित वृत्तों ग है। तदनुसार अब आपको निम्नानुसार	के पुनर्गठन के परिणामस्व नवीन पंजीयन क्रमांक अ	रूप आपका व्यवसाय स्थल इस वंटित किया गया है :-	वृत्त के क्षेत्राधिकारी के अन्तर्गत	
प्रांती	य पंजीयन क्रमांक	VII .	0747	8. 8	
केन्द्री	ोय पंजीयन क्रमांक 01 (VII	0672	С	
नव यह	(इन्दौर संभाग क्र. वृत्त क्र.) वीन पंजीयन क्रमांक दिनांक 15.7.97 से इ सूचना-पत्र प्राप्त होने पर पंजीयन प्रमा वम त्रैमास अप्रैल-जून 97 का विवरण-पत्र वया सूचित होकर प्राप्ति अभिस्वीकृति प्रदा	। प्रभावशील होंगे। उक्त वि ग-पत्रों की प्रतियों सहित व त्र उक्त नये पंजीयन क्रमांक	नांक से वर्तमान पंजीयन क्रमांक ज्ञायांलय में उपस्थित होकर संशोध अनुसार प्रस्तुत करें। वाणि	(चेक डिजिट) निष्प्रभावी समझे जावेंगे। जन्म करवाने का कष्ट करें। ज्यक कर अधिकारी	

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CONREF

PAN

स्थाई लेखा संख्या /PERMANENT ACCOUNT NUMBER
AAACC7056K
नाम /NAME
CONTINENTAL REFRACTORIES PVT LTD

निगमन / बनने की तिथि /DATE OF INCORPORATION/FORMATION
15-04-1993

प्रिकार आयुक्त (कम्प्यूटर संचालन)

Commissioner of Income-tax(Computer Operations)