



Dev Energy

Innovative Solutions for

ENGINEERED CARBON



www.devenery.co.in

2000
Inception of DEV ENERGY

India's 1st Dog House type
Flue Extraction system
for Induction Furnace

2013
100th Project

2004
India's 1st Double
Stage Clean Gas System
for Tiles Plant

2012
India's 1st Double
Stage Clean Gas System
for Refractory Tunnel Kiln



2006
India's 1st Double Stage
Hot Gas System for
Steel Reheating Furnace



2011
India's 1st Double
Stage Clean Gas
System for Grate Kiln
Pellet Plant

WHY CHOOSE US

200+

Successful
Projects

30+

Core Technical
Team

100+

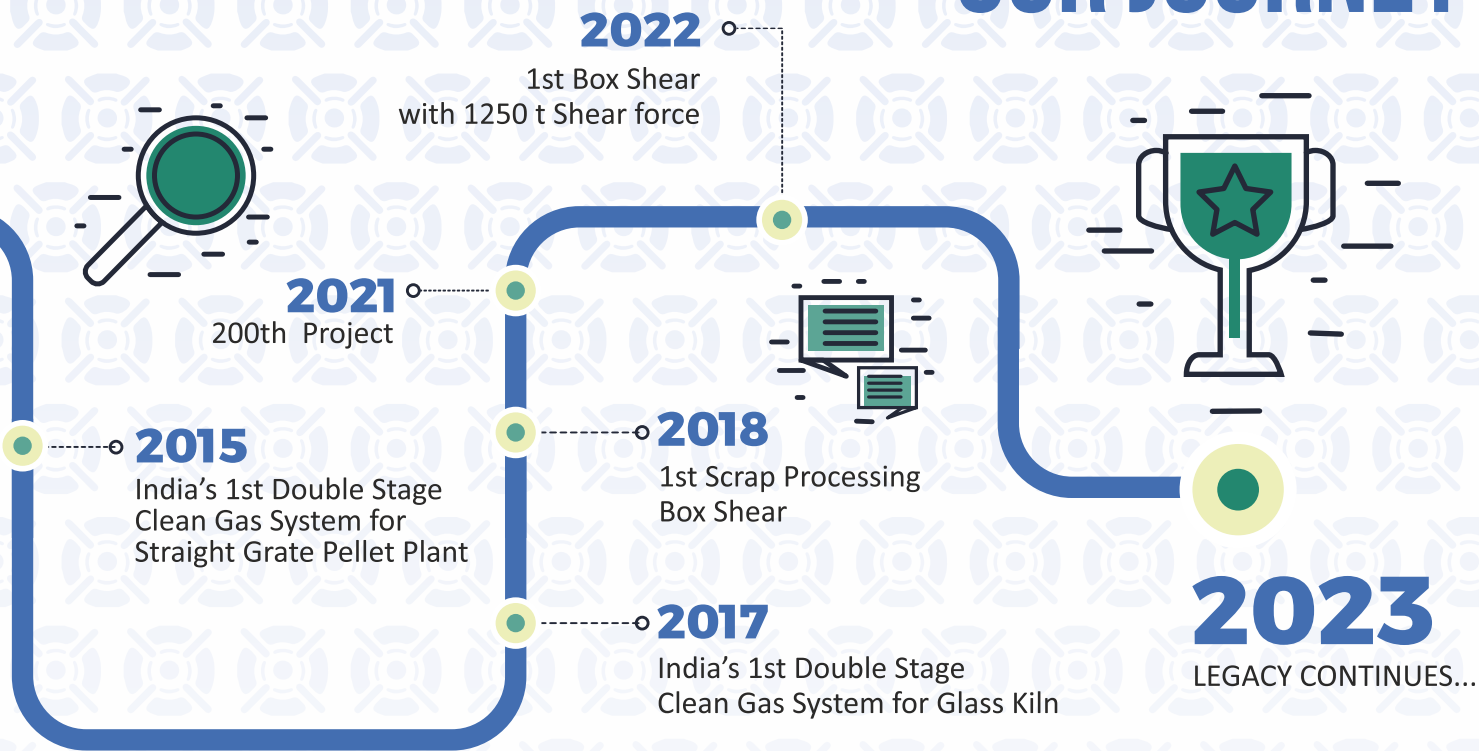
Technical
Offerings

1000000+ Sq. ft Industrial Facility



Sh. Devender Kumar our CMD is a dynamic and experienced business professional, with the experience of over 40 years in various industries. His vision of providing reliable and efficient solution to the industry, drives us to continuously innovate and excel.

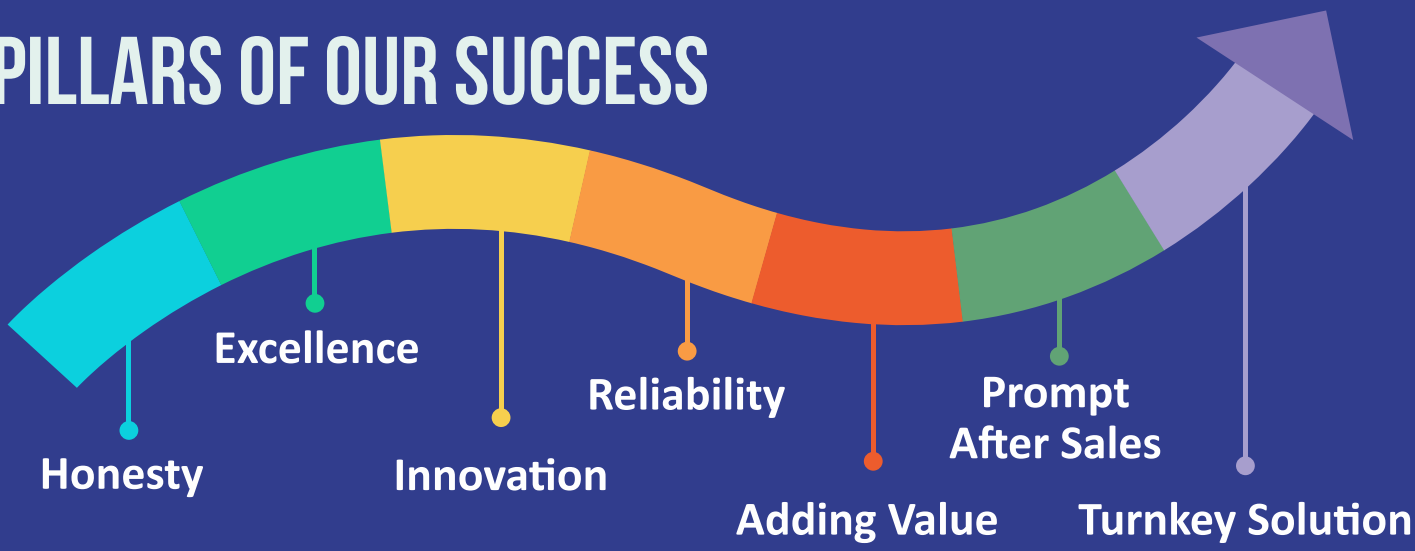
OUR JOURNEY



OUR PARTNER IN SUCCESS



PILLARS OF OUR SUCCESS



ENGINEERED CARBON

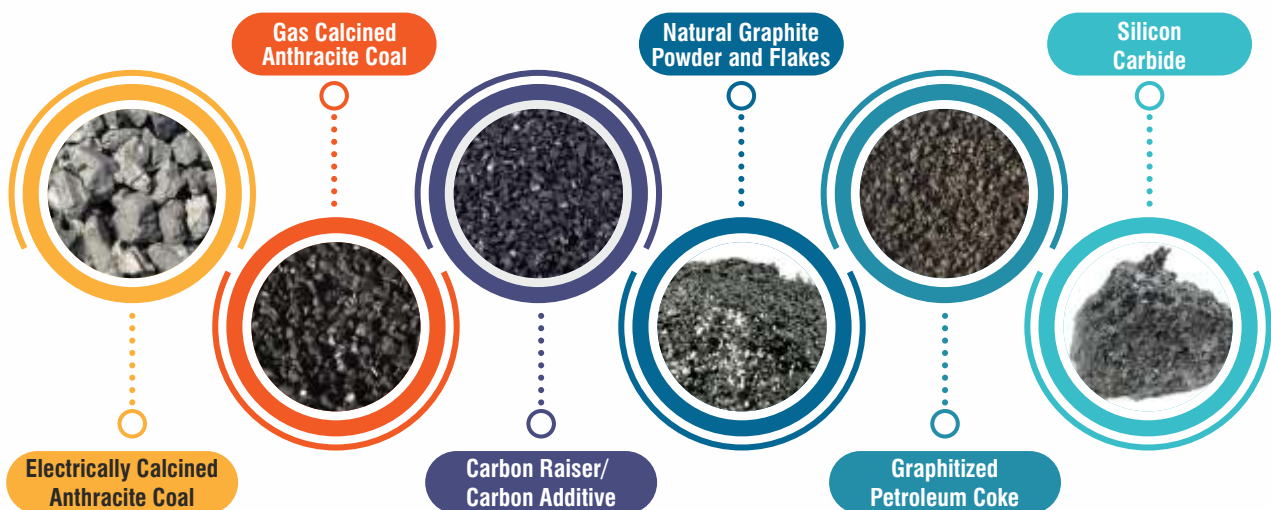
Dev Energy is a global supplier of physical carbon products and hard/soft bulk commodities

Our core business is sourcing, supplying and trading carbon raw materials and energy products. We enhance our trading activities with strategic assets, providing valuable insights into the marketplaces where we operate and enabling us to optimize the supply chain.

Our business relies on in-depth market knowledge and a detailed understanding of the practicalities of sourcing, blending and moving commodities



OUR PRODUCTS



ELECTRICALLY CALCINED ANTHRACITE COAL (ECA COAL)

APPLICATION:

It is the main raw material for manufacturing carbon electrode paste and is also widely used in the Aluminium & Steel Industries.



SPECIFICATIONS:

F.C. : 92 % Min (Typical 93-94%)

Moisture : 0.5 % Max

Ash : 6.0 % Max

V.M. : 0.7 % Max (Typical 0.5%)

Sulfur. : 0.30% Max (Typical 0.25%)

R.D. : 1.8 g/cc.Min

E.R. : 650 Micro-Ohm-Mtr. Max

Packing : As per customer requirements of 25 Kg PP Bags, 1000 Kg Jumbo Bags, 1200 Kg Jumbo Bags

Granule Size: As per customer Requirements of 1-10 mm , 1-15mm, 1-20 mm



GAS CALCINED ANTHRACITE COAL (GCA COAL)

APPLICATION:

It is the main raw material for manufacturing carbon electrode paste and is also widely used in the Aluminium & Steel Industry.

SPECIFICATIONS:

F.C. : 93 % Min (Typical 93-94%)

Moisture : 0.5 % Max

Ash : 6.0 % Max

V.M. : 1.2 % Max (Typical 1.0%)

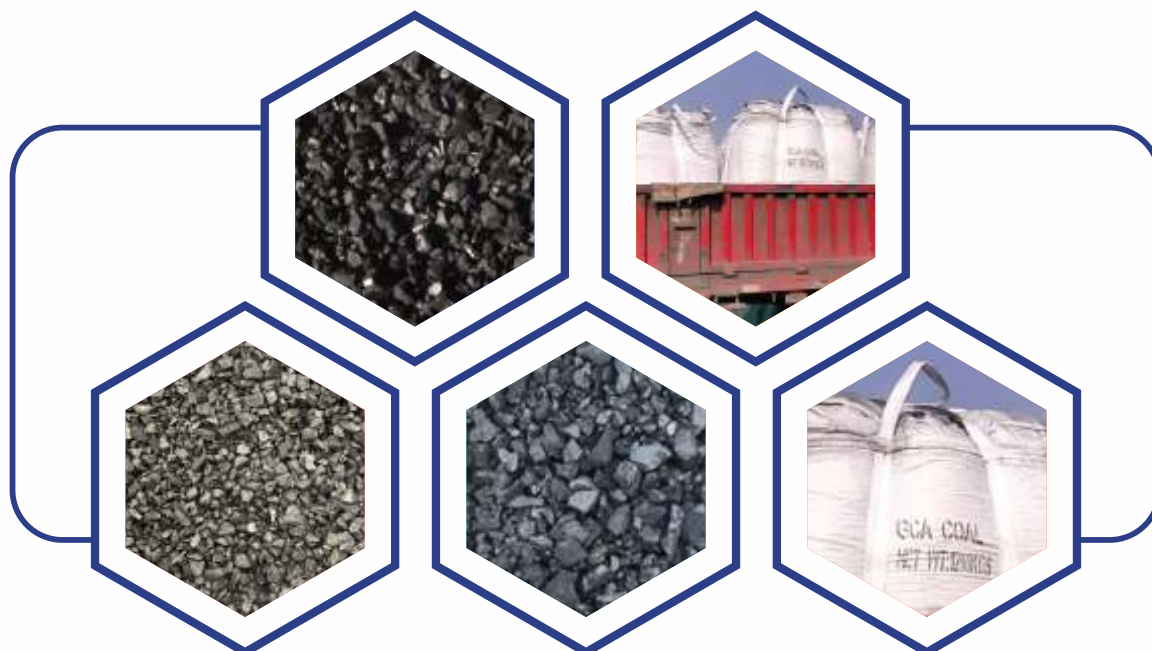
Sulfur. : 0.30% Max (Typical 0.25%)

R.D. : 1.8 g/cc.Min

E.R. : 1350 Micro-Ohm-Mtr. Max

Packing : As per customer requirements of 25 Kg PP Bags, 1000 Kg Jumbo Bags, 1200 Kg Jumbo Bags

Granule Size: As per customer Requirements of 1-10 mm, 1-15mm, 1-20 mm



CARBON RAISER / CARBON ADDITIVE

APPLICATION:

It is used primarily as a carbon additive/carburizer/carbon raiser/re carburiser in steel / foundry industry.



Product No.	Specification	Application
CAC95	F.C.>95%, S<0.25%, V.M.<1.2%, H2O<0.5%, Ash<4.0%	Steel making & foundry industries
CAC94	F.C.>94%, S<0.25%, F.C.>94%, S<0.25%, Ash<5.0%	Steel making & foundry industries
CAC93	F.C.>93%, S<0.25%, V.M.<1.3%, H2O<0.5%, Ash<6.0%	Steel making & foundry industries
CAC92	F.C.>92%, S<0.25%, V.M.<1.3%, H2O<0.5%, Ash<6.5%	Steel making & foundry industries
CAC91	F.C.>91%, S<0.25%, V.M.<1.5%, H2O<0.5%, Ash<7.5%	Steel making & foundry industries
CAC90	F.C.>90%, S<0.25%, V.M.<1.5%, H2O<0.5%, Ash<8.5%	Steel making & foundry industries



NATURAL GRAPHITE POWDER AND FLAKES

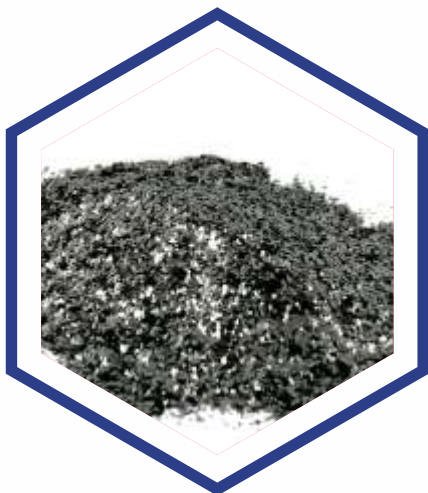
APPLICATION:

Carbon steel forging, Lithium-ion batteries, Crucibles, Refractory bricks, Brake pads, dry cell batteries, Lubricants, Casings for electronics, Sporting equipment, Pencils

SPECIFICATIONS:

Fixed carbon from 75% to 99.5% with grain size from 35 mesh to 3000 mesh depending on application industry.

Granule Size: As per customer Requirements of 1-10 mm , 1-15mm, 1-20 mm



GRAPHITIZED PETROLEUM COKE (GPC) / ARTIFICIAL GRAPHITE / SYNTHETIC GRAPHITE

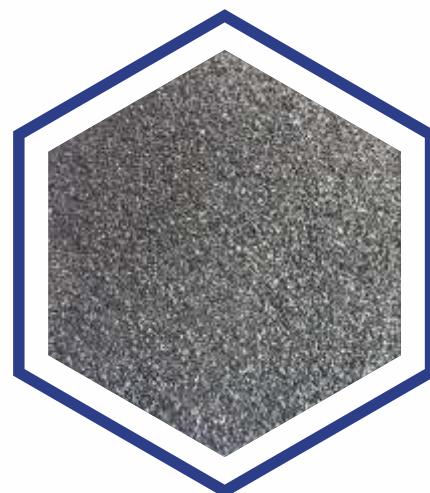
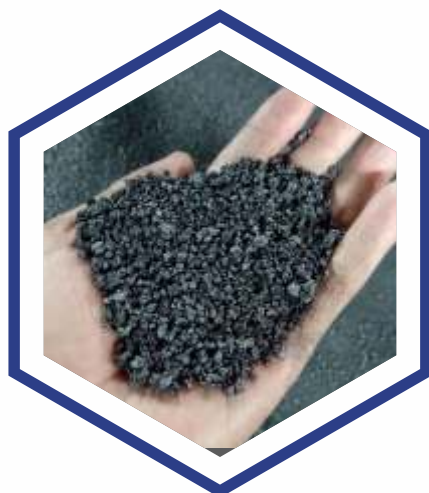
APPLICATION:

It can be used as a carbon raiser/re carburizer to produce high-quality steel, cast iron and alloy.

SPECIFICATIONS:

We offer a full range of **GPC with sulfur content as low as 0.02% which goes up to 0.15% with carbon content up to 99.7%+**. Produced at ultra-high temperatures, most of the impurities are vaporized in the process including most metal oxides, sulfur, nitrogen, and hydrogen.

Particle Sizes from **Graphite Fines to Granules can be customized as per customer requirements.** Standard sizes as 0-0.2, 0-1, 0.2-1, 0.5-1, 0.5-5, 1-5, 3-8 mm.



SILICON CARBIDE

APPLICATION:

- Metallurgical deoxidizer.
- High temperature resistant materials.
- As abrasive, abrasive tools can be used to such as grinding wheels, whetstones.



Grade	Chemical Composition %		
	SiC	Free Carbon	Fe2O3
SiC 99	99.0 min	0.1 max	0.10 max
SiC 98	98.0 min	0.25 max	0.30 max
SiC 97	97.0 min	0.30 max	0.30 max
SiC 95	95.0 min	1.0 max	0.30 max
SiC 88	88.50 min	2.80 max	0.50 max

OUR VALUED CUSTOMERS





DEV TECHNOFAB LIMITED

901, Gopal Heights, Netaji Subhash Place
Pitampura, New Delhi 110034. INDIA

+ 91 11 4750 88 00 + 91 11 4750 88 20

info@devenergy.co.in www.devenergy.co.in

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