



SV ISPAT PRIVATE LIMITED

Speciality carbon products for steel making, foundries, cement, water treatment and other industries.



+91 20 26737441

pune@svispat.com
marketing@svispat.com

svispat.com

A250, Marvel Vista,
Lullanagar, Pune 411040,
Maharashtra, India

AN ISO 9001: 2015

**CERTIFIED
COMPANY**

ABOUT US:



S V Ispat is a leading manufacturer and trader of carbon products that find application in steel making, foundries, cement, water treatment and other industries. Our promoters have over 4 decades of experience in the iron and steel industry. Our team of over 100 strong members works in accordance with ISO certified processes to deliver a range of speciality carbon products that deliver superior technocommercial value for our customers. Three factories in Maharashtra, Karnataka and Gujarat provide logistics advantage, flexibility in production and higher capacity to deliver the best value for our customers. Our factories are equipped with state of the art machineries and experienced team members to manufacture a range of quality products. Our products include raw anthracite coal, calcined anthracite coal, carbon raisers, metallurgical coke lumps, coke fines, coke briquettes, raw petroleum coke, calcined petroleum coke, graphitised petroleum coke, carbon pellets, carbon briquettes, anthracite filter media, activated carbon and more.

3

Factories

100+

Employees

50+

Customers

40000MT+

Annually
Processed



OUR VALUES:



Customer
Oriented



Innovation



Environment



Integrity

INDUSTRY WISE

APPLICATION OF PRODUCTS:

Steel: Slag foaming, Oxidation/reduction, carbon additive.

Foundry: Carbon additive, Reduction agent.

Water: Filter media treatment.

Cement: Fuel.

NOTABLE CUSTOMERS



OUR PRODUCTS

ANTHRACITE: RAW ANTHRACITE & CALCINED ANTHRACITE

Product Name	FC (Min)	Sulphur (Max)	Ash (Max)	VM (Max)	Moisture (Max)
RA Pellets	80%	0.4%	15%	7%	5%
RA	85%	0.4%	12%	4%	5%
CAC-G1	87%	0.4%	12%	1.5%	1.5%
CAC-G2	92%	0.8%	7%	1.5%	1.5%
CAC-G3	92%	0.3%	7%	1.5%	1.5%

Application in Steel:

- RA Pellets Briquettes can be used as replacement to more expensive anthracite coal
- RA & CAC used for carbon addition in Ladle furnace

Application in Foundry:

- Carbon additive in CI and SG Iron casting
- Techno-commercial superior alternative to CPC
- Replacement to shell coke and GPC with correct blend as per sulphur requirement



MET COKE (FINES & LUMPS)

Product Name	FC (Min)	Sulphur (Max)	Ash (Max)	VM (Max)	Moisture (Max)
Lumps	85%	0.8%	12.75%	2%	5%
Fines	60-70%	1%	32%	5%	2%

Application in Steel:

- In blast furnace for energy and reduction process
- In electric arc furnace as injection coke
- In induction furnace as carburizer

Application in Foundry:

- Cupola Furnace

Others:

- Additive for refractory coating
- Adsorbent and fuel for waste disposal services

CARBON BRIQUETTES

Product Name	FC (Min)	Sulphur (Max)	Ash (Max)	VM (Max)	Moisture (Max)
CB-1	70-80%	0.4-1.5%	15%	5%	1%
Multiple grades available					

Application in Steel:

- As charge coke
- In induction furnace as a carbon additive

Application in Foundry:

- Replacement to coke lumps

PETROLEUM COKE: CALCINED (CPC) & GRAPHITIZED (GPC)

Product Name	FC (Min)	Sulphur (Max)	Ash (Max)	VM (Max)	Moisture (Max)
CPC 1	98.5%	1%	0.5%	0.5%	0.5%
CPC 1	98.5%	2-6%	0.5%	0.5%	0.5%
GPC	98.5%	0.05%	0.5%	0.5%	0.5%

Application in Steel:

- As a carbon additive or carbon raiser in steel making. Typically added in ladle furnace

Application in Foundry:

- Carbon additive for CI and SG Iron casting





AMORPHOUS GRAPHITE

Product Name	FC (Min)	Sulphur (Max)	Ash (Max)	VM (Max)	Sizes	Moisture (Max)
Amorphous Graphite	80%	1%	18%	3%	200 more	1%

Application in Steel:

- As a carbon additive or carbon raiser in steel making. Typically added in ladle furnace

Application in Foundry:

- Carbon additive for CI and SG Iron casting

Other Application

- Additive for coatings and lubricants

ANTHRACITE FILTER MEDIA

Product Name	FC (Min)	Sizes	Ash (Max)	VM (Max)	Bulk Density (Kg/m ³)
Anthracite Filter Media	86%	0.5-1.2, 1.2-2 & more	12%	4%	800-900

Application in Water Treatment:

- As a high-grade filter media for desalination projects, effluent treatment and more water treatment applications

ACTIVATED CARBON

Product Name	Iodine Adsorption (mg/g)	Sizes
Activated Carbon (Coal Based)	800-900	0.5-1.2, 1.2-2 & more

Application in Water Treatment:

- As a filter media for desalination projects, effluent treatment and more water treatment applications



INFRASTRUCTURE

- Beneficiation Plant
- Calcination Plant
- Screening Systems
- Magnetic Separators
- Rotary Dryers
- Briquetting Machines
- Crushers
- Coke Furnaces
- Roller Crushers
- Laboratory Equipment
- Coal Washing Plant
- Pollution Control Systems
- Pulverizers
- Grinding Mills
- Granulating Machines



| Maharashtra Works:
Pune, Maharashtra, INDIA

| Karnataka Works:
Koppal, Karnataka, INDIA

| Gujarat Works:
Dharangadhra, Gujarat,
INDIA



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