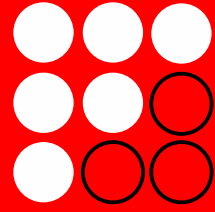
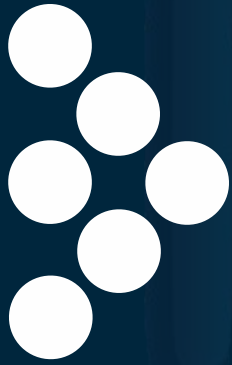
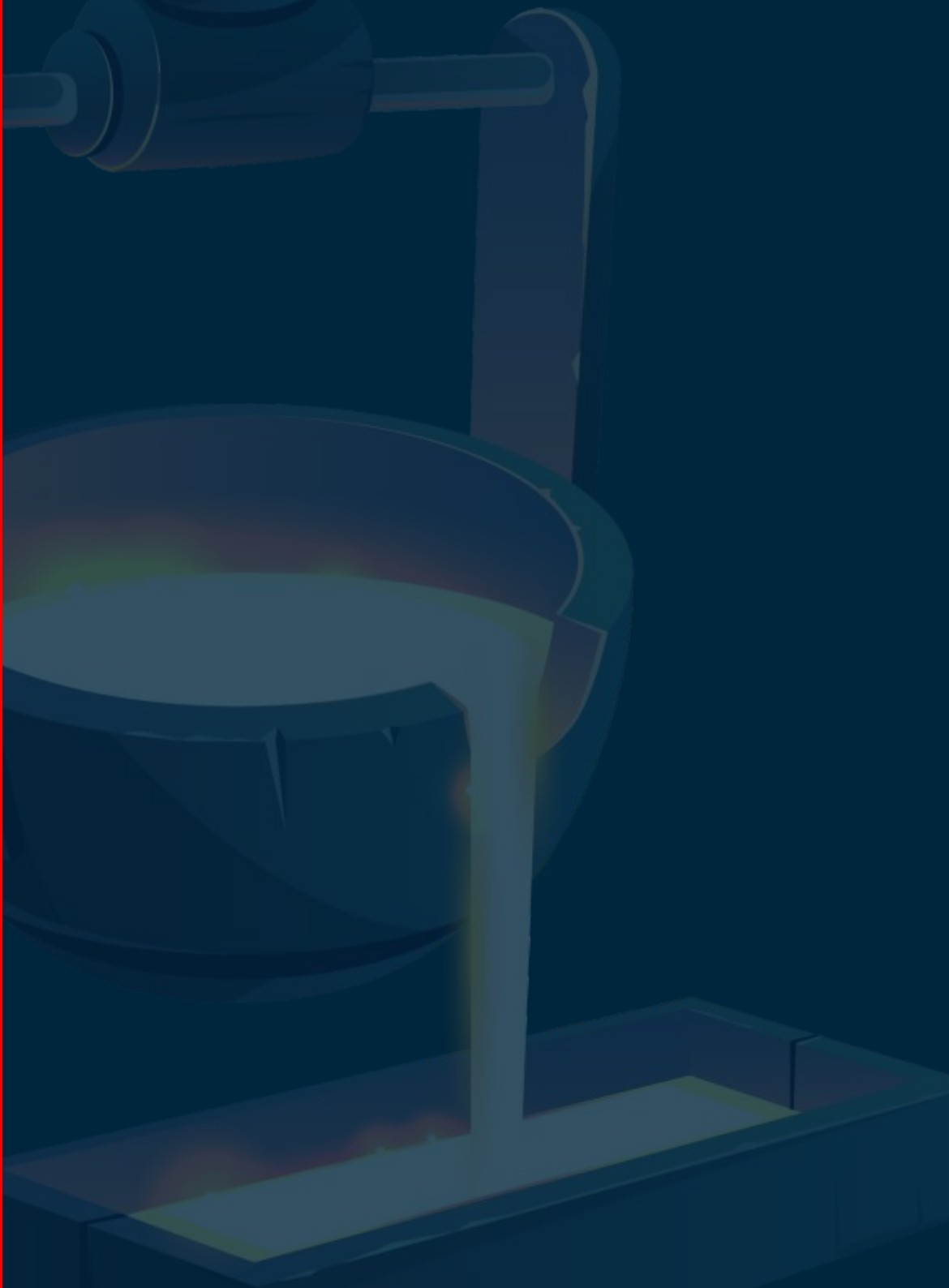


ALLOYING THE NEW



FEROTON
Alloying The New



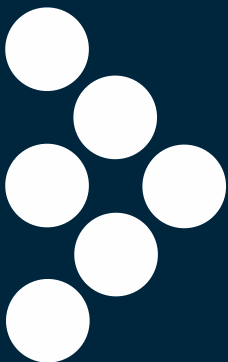


ABOUT VANDANA ▶

“Leading The New” - the slogan is our guiding star. We thrive for our commitment towards Quality and “You”, ever since we started our journey in 1996. We have firmly rooted ourselves in the business with the help of strong support from our loyal Customers and Vendors and stand at a turnover of INR 5 Billion as on 2020-21. With the growing order pipeline and upcoming Greenfield Projects, out of which few can be the part of forward / backward integration, we are marching towards abundant future. Our Plant campus spreads across 57 acres and accommodates various, highly efficient, production units. Captive Power plant, Our DRI plant, produces high grade DRI (Sponge Iron), thereby finding its application in various industrial processes, while our Steel Melting Shop, with the help of 6 Induction Furnaces, ensures high yield and Continuous Casting Machine with Eco Friendly hot charging Facilities is engaged in the production of mild steel billets, as per the customer’s specifications. Our brands - TMTNEXT & FEROTON, are well recognized in the industry. Beyond our business expertise, we are equally active in CSR and hence, persistently make an endeavor to transform the lives belonging to such sections of the society that struggle to find their livelihood or identity on day-to-day basis. We would encourage you to connect with us for a deeper understanding about our high yielding Products, Team, Culture & the Customer Service Experience.”



Vandana Global
Leading the New



ABOUT VANDANA ▶

Fuelled by rapid urbanization and industrialization, robust growth in steel production and consumption globally, the demand for Ferro alloys as an alloying agent in manufacturing of steel has significantly grown in the recent decades. The world has been striving for creating stronger and more durable end products which prepare us towards a vibrant tomorrow. We endeavour to achieve the same through delivering best quality Ferro Silico Manganese and Ferro Manganese branded as Feroton. It will join new worlds and bridge the gap between Steel Industry's dreams and reality.

He believes that,

“Success comes to those who have clear vision and goal in focus and they go for it no matter what”

Vijit Kumar Agrawal
(Director Vandana Global Ltd)



FEROTON ▶



Feroton is our tool to bridge a strong past with a strengthened future. It is our endeavour as a new alloying element and as a pioneering product in the global Ferro alloys market to meet the demand of next generation steel. With our fully integrated state of art manufacturing facilities we produce Ferro alloys in the Ferro Silico Manganese and Ferro Manganese category and strive with our quality assurance to give bench mark products to the market under the brand name of Feroton.

FEATURES & BENEFITS ▶



QUALITY CONTROL



WIDE RANGE OF SIZE



PACKAGING



DELIVERY TERMS



CUSTOMER CARE



QUALITY ASSURANCE

Quality Control : A strict adherence to BIS and International Standards of Ferro Silico Manganese and Ferro Manganese quality parameters to guarantee consistent output.

Wide range of size : Size of products ranging from 10-50 mm / 1-150 mm / 25-150 mm / 0-3 mm / 3-10 mm with negligible tolerance or as per buyer's specified size.

Packing : We provide branded HDPE/Gunny Bags of 50 Kgs and HDPE bags of 1 MT Net by weight.

Delivery Terms : Options of Ex our works, FOR Customer works, FOB, CNF, and CIF are available.

24*7 Customer Care : We provide customer care availability 24*7.

Quality Assurance : Our products are assured by quality assurance certificate / Certificate of Third-party inspection agency of International repute.

OUR PRODUCTS ▶

SILICO MANGANESE



SILICO MANGANESE

Silico Manganese is a ferro-alloy mainly composed of Silicon and Manganese. It is used as a de-oxidising and alloying additive in the smelting of steel. Silico Manganese is a high value-added product used for manufacturing mild and special steels. It is manufactured and supplied in various shapes and form factors, from billets to fillers and allied reinforcements.

Silicon Manganese is essential in making carbon and alloy steels to impart specific chemical and physical properties like flexibility, tensile strength, increased ductility, enhanced resistance, and reduced corrosion. Manganese is used in the process to increase strength and toughness. Silico Manganese finds usage in de-sulphurisation, de-oxidation, and refining of steel.

To summarize the above information, the combinations of Manganese and Silicon with Iron render the physical and chemical properties, optimizing steel's strength and durability.

CHEMICAL COMPOSITION ▶

GRADE	60/14	60/15	65/15/16	70/15
MANGANESE	60-61%	60-62%	65-70%	70-72%
SILICON	14-15%	15-16%	15-18%	15-16%
CARBON	2.5 % (Max.)	2.0%(Max.)	2.0%(Max.)	2% (Max.)
PHOSPHOROUS	0.30% to 0.35%	0.30% to 0.35%	0.20% to 0.30%	0.30% to 0.35%
SULPHUR	0.03% (Max.)	0.03% (Max.)	0.03%(Max.)	0.03% (Max.)

SIZE : Customized according to market needs.

PACKAGING : Branded HDPE/ Gunny bags of 50kgs and HDPE bags of 1MT net by weight/ bulk in loose, as per buyer's option.

OUR PRODUCTS ▶

FERRO MANGANESE



FERRO MANGANESE

A Ferro Alloy with higher content of Manganese is known as Ferro Manganese. These alloys are extensively used in the Steel Manufacturing industry due to rendering optimized chemical and physical properties to the manufactured steel. Ferro Manganese is manufactured by heating the mixture of the Ferrous Tri-oxide and Manganese Di-oxide along with carbon, usually in the form of coal or coke.

The advantage of combining powdered Iron Oxide and Manganese Oxide together is the lower melting point of the combined alloy compared to pure Manganese Oxide. The final product is Ferro-Manganese which is a strong de-oxidizer for steel.

This alloy acts as a strong de-oxidizing agent and further makes a significant contribution to the strength, hardness and toughness of the finished steel. It is because of this reason that steel is very rarely produced without the addition of manganese.

CHEMICAL COMPOSITION ▶

GRADE	70/72	75/77
MANGANESE	70-72%	75-77%
SILICON	6-8%	6-8%
CARBON	1.5 % (Max.)	1.5% (Max.)
PHOSPHOROUS	0.30% (Max.)	0.20% to 0.35%
SULPHUR	0.03% (Max.)	0.03% (Max.)

SIZE : Customized according to market needs.

PACKAGING : Branded HDPE/ Gunny bags of 50kgs and HDPE bags of 1MT net by weight/ bulk in loose, as per buyer's option.

CERTIFICATIONS ▶



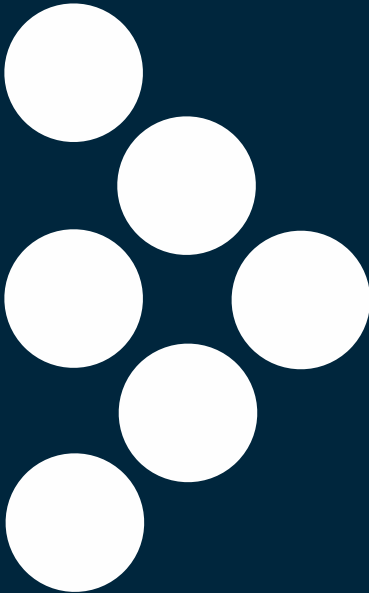
Certifications are vital to validate our true workmanship and potential in the manufacturing business domain. Our value lies not only in the standards and quality validations bestowed on us but also in the faith that consumers show in the quality of the end products delivered and we make an effort to always deliver optimum quality products.

1) ISO 9001:2015
Certificate for Quality Management System

2) ISO 14001:2015
Certificate for Environmental Management Systems

3) ISO 45001:2018
Certificate for Health & Safety Management Systems

4) BIS Certification
IS7887(1992), IS2879(1998), IS1786(2008),
IS2830(2012) & IS2831(2012)



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