



Our Values

We constantly push boundaries and embrace new ideas to stay ahead of the curve. Also, we are committed to delivering exceptional products and services that exceed customer expectations. It is our proud to operate with honesty, transparency and ethical practices in all of our interactions.

Our Mission

Our mission is to empower businesses with transformative business solutions that drive efficiency, productivity, and profitability. We strive to understand the unique challenges our clients face and collaborate with them to develop tailored solutions that deliver tangible results.

Business Strategy

What we wholly concern about in each cooperation chance is how to bring a project to completion victoriously and attract the specific attention and satisfaction of our partners. Also, keeping collaboration with our fellows is crucial for our company which gives us a unique opportunity to fulfil their needs.

Abstract

Hereby, we would like to showcase the wide range of products offered by Holax Metal Company, a leading supplier of Raw Materials, Spare Parts and Equipment in the world.

The catalogue features various Raw Materials including Iron Ore, Manganese Ore, Chrome Ore, Iron Ore pellets, Ferroalloy (Ferro Silico Manganese, Ferro Manganese HC / MC / LC, Ferro Chrome, Ferro Silicon, Ferro Vanadium and Ferro Molybdenum).

Additionally, it illustrates Consuming Materials such as Graphite Electrode, Graphite Electrode Scrap, Calcium Silicon cored wire (CaSi), Ferro Calcium cored wire (CaFe), CPC (Calcined Petroleum Coke), GPC (Graphite Petroleum Coke).

Also, we are pleased to declare that we could provide Mechanical Equipment and electrical equipment like Valves, Gear units, Motors, Compressor, Vibrator and Screen, Generator, Bearing, Reformer tube, Pipe and fitting, Fan, Pump, Generators, Low Voltage/Medium-Voltage Products. It's worth mentioning other products we could supply are including Pellet, DRI (Direct Reduce Iron), HBI (Hot Briquettes Iron), Rebar, Billets, Slabs, Aluminum ingots. Each product is accompanied by detailed specifications, ensuring customers have all the necessary information for their specific requirements. Here we also highlight the company's commitment to quality, reliability, and customer satisfaction.

As the company offers competitive pricing and prompt delivery, clients can rely on us for their required products.

Ferro Manganese

Ferro Manganese (FeMn) is a ferroalloy composed of iron oxide and manganese oxide under high temperature in an electrical arc furnace. It has a role of deoxygenator in steel making that led to improve the hardness and strength of products. This ferroalloy also of three separate types with defined functions including low, medium and high carbon ferro manganese. It has also the property of controlling the harmful effect of sulfur.

FeMn	High Carbon			Medium Carbon		Low Carbon
Grade	Specs A (70%)	Specs B (75%)	Specs C (76%)	Specs D (75%)	Specs E (78%)	Specs F (78-82%)
Mn	70% Min	75% Min	76% Min	75% Min	78% Min	78% Min
Si	2% Max	1.5% Max	1.5 Max	1.5% Max	1.5% Max	1.5% Max
C	8% Max	8% Max	8% Max	1.5% Max	1.5% Max	0.5% Max
P	0.35% Max	0.3% Max	0.25% Max	0.3% Max	0.25% Max	0.25% Max
S	0.035% Max	0.03% Max	0.03% Max	0.03% Max	0.03% Max	0.05% Max



Silico manganese

Silicon Manganese (SiMn) involves three elements of carbon, silicon and magnesium with specific percentages that has crucial function in cast iron and stainless-steel production. In addition, it can act as a deoxidizer in steel making process that resulted in cleaner steel.

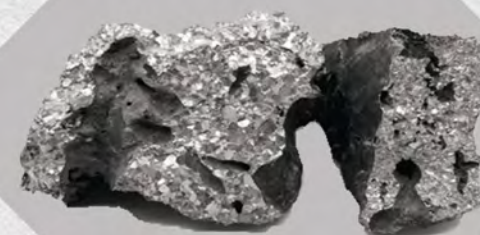


SiMn	High Carbon		Medium Carbon		Low Carbon	
grade	Specs A 60/14	Specs B 65/15	Specs C 65/16	Specs C 70/16	Specs D 55/25	Specs E 55/25
Mn	60% Min	65% Min	65% Min	70%	55% Min	55% Min
Si	14% Min	15% Min	16% Min	16%	20% Min	25% Min
C	2.5% Max	2.25% Max	2% Max	2%	0.5% Max	0.2% Max
P	0.3% Max	0.3% Max	0.3% Max	0.3%	0.2% Max	0.2% Max
S	0.03% Max	0.03% Max	0.03% Max	0.03%	0.03% Max	0.3% Max

Ferro Chrome

Ferro Chrome (FeCr) is a product of quartz and chromite ore (50-70%) two- stages smelting. Main portion of ferro chrome is used for manufacturing the stainless steel. Among the three groups of ferro chrome, high ferro chrome is proper for stainless steel and low and medium types consumed for superalloy production.

FeCr	High Carbon			Low Carbon	
Grade	Specs A (60%)	Specs B (60%)	Specs C (60%)	Specs D (65%)	Specs E (70%)
Cr	60% Min	60% Min	60% Min	65% Min	70% Min
Si	3.5% Max	4% Max	1.5% Max	1% Max	1% Max
C	8.5% Max	8% Max	0.1% Max	0.1% Max	0.1% Max
P	0.05% Max	0.04% Max	0.05% Max	0.05% Max	0.04% Max
S	0.5% Max	0.05% Max	0.05% Max	0.05% Max	0.05% Max



Ferro silicon

Ferro Silicon (FeSi) is an iron alloy with leading constituents of silicon and iron that could draw the attention of manufactures of silicon, corrosion-resistant ferrous silicon alloys and silicon steel due to its deoxidizing effect and being a source of silicon. Moreover, it can prevent carbon loss and seems applicable in hydrogen, magnesium and silicon production and making electrode coating



FeSi			
Grade	Specs A (70%)	Specs B (72%)	Specs C (75%)
Si	70% Min	72% Min	75% Min
Al	1.5% Max	1.5% Max	1.5% Max
C	0.2% Max	0.2% Max	0.2% Max
P	0.05% Max	0.04% Max	0.04% Max
S	0.05% Max	0.05% Max	0.054% Max

Aluminum Fluoride

Aluminum Fluoride is a white soluble crystal basically applied as an additive in aluminum industry, as the main chemical compound in ceramics and fiber-optic imaging and medical applications as well.



	Chemical Composition (mass Fraction) %								Bulk density G/cm ³
	F	Al	Na	Sio 2	Fe ₂ O ₃	SO ₂ ⁴	P ₂ O ₅	Burn Down	
	≥	≤							
AF-0	61.0	31.5	0.30	0.10	0.06	0.10	0.03	0.50	1.50
AF-1	60.0	31.0	0.40	0.30	0.10	0.60	0.04	1.00	1.30
AF-2	58.0	29.0	2.80	0.30	0.12	1.00	0.04	5.50	0.70
AF-3	58.0	29.0	2.80	0.35	0.12	1.00	0.04	5.50	0.70
Note: AF-0 And AF are anhydrous aluminum fluoride standard, AF2 and AF3 are wet process aluminum fluoride standard									

Alumina

Aluminum Oxide (also called alumina) is a chemical material in crystalline phase with various applications and forms. Also, alumina does not solve in water and is of high thermal conductivity and mostly used in aluminum metal production for its refractory material and abrasive property.



Specification	Typical	Unit	Value
Moisture (0-300 C)	0.4	%	Max
L.O.I (300-100 C)	1	%	Max
Repose Angle	32	Degree	-
Alpha-Alumina	10	%	Max
Surface area (B.E.T)	60-90	m ² /gr	
Apparent Density	0.95-1.1	Kg/m ³	
Na2O	0.5	%	Max
CaO	0.04	%	Max
SiO2	0.02	%	Max
TiO2	0.003	%	Max
Fe2O3	0.015	%	Max
P2O5	0.001	%	Max
V2O5	0.004	%	Max
MnO	0.001	%	Max

Silicon metal

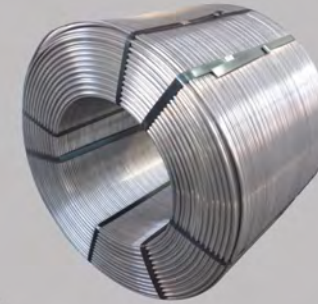
Silicon Metal is a shiny gray element seems necessary for making chemical and aluminum products for it can make the strength and hardness better. Besides, it can be used for silicon compound and electronic semiconductors production.

Specification And model	Chemical composition		
	Impurity		
	Fe	Al	Ca
2022	0.2	0.2	0.02
3033	0.3	0.3	0.03
411	0.4	0.1	0.1
421	0.4	0.2	0.1
441	0.4	0.4	0.1
553	0.5	0.5	0.3



CaSi cored wire

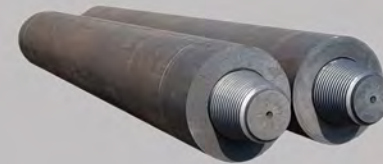
Casi Cored Wire is wrapped steel product composed of iron powder and calcium metal basically used in steel industry. As this product can boost the castability of steel and iron and help the steel 'purity and promote its performance as a result, would be a one of best raw materials in this challenging industry.



CaSi Cored Wire		
Ca		30% Min
Si		55-65%
C		1% Max
Al		1.5% Max
Fe		4.5%max
Coil ID		650mm

Graphite electrodes

Graphite Electrode is a graphite rod known as the head raw material for heating and melting steel in an electric arc furnace through releasing electrical arc.



Properties		Unit	Nominal Diameter of Electrode			
			UHP		HP	RP
			Φ300-500 Φ mm	Φ550-800 mm	Φ300-Φ800 mm	Φ300- Φ800 mm
			Typical Value	Typical Value	Typical Value	Typical Value
Resistivity	Electrode Nipple	μΩm	4.8-5.8	5.8-6.6	5.8-6.6	7.0-10
			3.5-4	3.5-4	3.5-4	4-4.5
Flexural Strength	Electrode Nipple	Mpa	9-14	10-13	10-13	4-10
			20-24	20-23	20-23	19-22
Young's Modulus	Electrode Nipple	Gpa	9-13	8-12	8-12	7-9.3
			15-18	14-16	14-16	12-14
Bulk Density	Electrode Nipple	g/cm³	1.68-1.74	1.64-1.68	1.64-1.68	1.53-1.56
			1.78-1.82	1.75-1.8	1.75-1.8	1.7-1.74
CTE (100-600) °C	Electrode Nipple	10 ⁻⁶ °C	1.1-1.4	1.6-1.9	1.6-1.9	2.2-2.6
			0.9-1.2	1.1-1.4	1.1-1.4	2-2.5
Ash		%	0.3	0.3	0.3	0.5

GE Current Load and Current Density

Nominal diameter	RP		HP		UHP	
mm	Allow current Load, A	Current density A/cm ²	Allow current Load, A	Current density A/cm ²	Allow current Load, A	Current density A/cm ²
200	5000~6900	15~21	5500~9000	18~25		
250	7000~10000	14~20	8000~13000	18~25		
300	10000~13000	14~18	13000~17400	17~24	13000~22000	21~30
350	13500~18000	14~18	17400~24000	17~24	20000~30000	20~30
400	18000~2350	14~18	21000~32000	16~24	25000~40000	19~30
450	22000~27000	13~17	25000~40000	15~24	32000~45000	19~27
500	25000~32000	13~16	30000~48000	15~24	38000~55000	18~27
550	32000~40000	13~16	37000~57000	15~23	45000~60000	18~27
600	38000~47000	13~16	44000~67000	15~23	50000~80000	18~27
650	43000~50000	13~16	50000~70000	15~23	60000~90000	18~27
700	45000~54000	13~16	54000~73000	15~23	65000~100000	18~27

Calcined Petroleum Coke (CPC)

Calcined Petroleum Coke (CPC) is a grade of petroleum coke that made of raw green petroleum coke. Also, it is considered as a main ingredient of making aluminum and steel due to high content of carbon. This sponge-like material is electrically conductive largely used for making



Grade	FC	S	VM	ASH	Moisture
1	98.5% Min	0.05% Max	0.8% Max	0.8% Max	0.8 Max
2	98% Min	0.05% Max	1% Max	1% Max	0.8 Max

Graphite Electrode Scrap

Graphite Electrode scrap is made of different size and grade of graphite electrode. In addition, this material can be applied in arc furnace for casting and steel industries as a carbon additives and conductive material and in electrochemical furnace for chemical industries as well. Another kind of petroleum coke is fuel grade applied as a fuel for industrial factories.



Graphite Electrode Scrap

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FC	S	VM	ASH	Moisture
98.5% Min	0.05%	0.8%	0.45%	0.5% Max

Pellet

Iron Ore Pellets are spheres made of iron ore concentrate that considered as a raw material for blast furnace in steel industry. Pellet is created by pelletizing process contains material mixing, forming balls out of pellet, heating and baking and turning the soft ball to hard ones. As the pellet let the better airflow in furnace and improving ore smelting, then is preferred than iron ore particles.



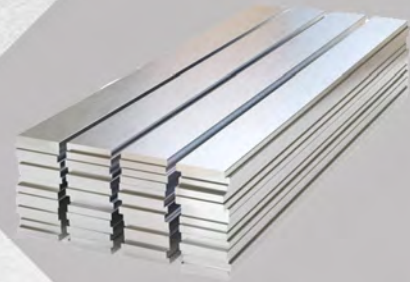
Direct Reduced Iron (DRI)

Direct Reduced Iron (DRI) is type of pellet manufactured by the direct reduction of iron ore. DRI is more active and porous than its compressed form (briquetted ones) and applied as a feed for blast furnace. This method of making direct reduced iron is an alternative way for making iron because it can decline the content of impurity of steel and improve the quality of steel for better.



Steel Products

- Bars
- Bloom
- Tubing
- Billet
- Rail
- Steel Sheets



Valve

Valve is categorized into mechanical devices that is, in general, responsible for doing specific functions based on its type (ball, pinch, gate, butterfly, check valve, ...); these tasks would be contained changing the pressure of flow, mixing of fluids or solids, controlling the amount and direction of flow and adjusting the flow and pressure of different fluids. Gate Valves, Globe Valves, Check Valves, Plug Valves, etc.



Refractories

Refractory materials are used in furnaces, kilns, incinerators, and reactors. Refractories are also used to make crucibles and molds for casting glass and metals.



Tundish Nozzles

Tundish Nozzles are an integral part of Continuous Steel Casting process. These products are instrumental in controlling the flow of Molten Steel from Tundish to Continuous Casting



Automation parts

An automation spare part is a part that someone can use to interchange a dysfunctional section of a machine with a functional one. It is usually kept as an inventory that can be used for repairs of several units of automobiles that need upgrading or replacement.



Drives

drives are used to improve energy efficiency in most industries and applications, from single-phase residential and commercial buildings to huge all-electric drive systems that power entire natural gas liquefaction plants and gigantic gearless mill drives that grind ore and minerals into smaller pieces at mines.



PLC

A programmable logic controller (PLC) or programmable controller is an industrial computer that has been ruggedized and adapted for the control of manufacturing processes, such as assembly lines, machines, robotic devices, or any activity that requires high reliability, ease of programming, and process fault diagnosis.



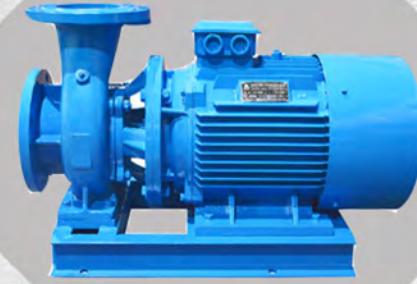
Mechanical seals

A mechanical seal is a device that helps join systems and mechanisms together by preventing leakage (e.g. in a pumping system), containing pressure, or excluding contamination. The effectiveness of a seal is dependent on adhesion in the case of sealants and compression in the case of gaskets.



pump

Pumps are used to move fluids from one point to another. This can include moving water for irrigation, pumping oil or gas for transportation or industrial processes, moving air in vacuum cleaners, and many other applications.



Gear Units

Gear Units are the main parts of gear motors and necessary to turn the speed and torque of electric motors. The chief property of gear units is to regulate the speed ratio between input and output speed in machinery including pumps, trucks, power generation units, etc.



Compressors

The compressor's main task is to change the volume or density of the gases (rather than fluids) through expanding pressure on it. Compressors look necessary and vital in food, chemical and petrochemical, energy, healthcare, automotive and textile fields and based on requirements of each industry, the manufacturers can choose between dynamic and positive displacement kinds and their subset. In below, we outline the common compressor types:

Rotary-screw compressor, Reciprocating air compressors, Centrifugal compressor, Scroll compressor, Diaphragm compressor, Dynamic compressor, Positive displacement compressor, Axial compressor,



Low & High Voltage Motors

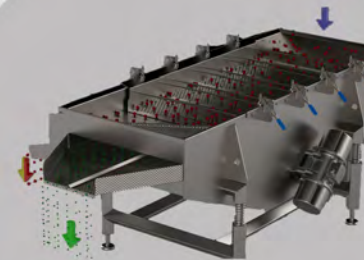
Low & High Voltage Motors are two main class of motors but with diverse voltage and applications. Generally, low voltage motors with power range of 200 to 690 V are suitable for electronic devices and automotive industry and less likely to injure; while the high voltage motors, owning output power of 45 to 230 kV, used for powering industrial machinery such as transformers, generators, motors and medical applicatio



Vibrating Screen

Vibrating Screen is a machine that can separate the solid and liquid material of different sizes by vibration. Among the vibrating screen machinery, the linear kind is preferred for its high separation efficacy, fine grading, high screening capacity, minimum loss of material and separating solid from liquid.

Industries as diverse as mining operations, chemical companies and construction firms utilize these tools to help sort and clean items.



Generators

Generator is an electrical AC/ DC -powered machine utilized for converting mechanical power resulted from gas, water and stream turbines to the electrical power; In general, hospitals, food processing, pumps, oil and gas and agriculture fields are in need electrical energy more than other industries for it is a clean source of energy, produces power based on device's requirement and provide continuous power.



Bearings

Bearing is a part of machines such as airplanes, generators and automobiles that helps safe rotation of moving parts and ends in friction reduction between them. Totally, the bearing applied in different machinery according to the criteria involving allowed rotation, operation type and direction of applied force to the parts as well.



Pipe and Fiting

Pipe Fitting is a connector that is considered as a key part of each pipe and helps the pipe system to distribute the fluids in the right way. Principally, the pipe fitting must be chosen based on the pipe system type and map to do its task as expected.





Lubricant Mobil Oil

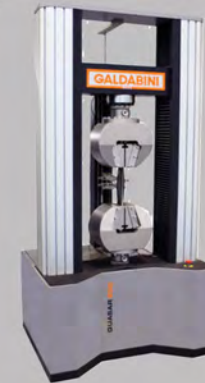
Mobil Vacuoline is worldwide brand of oil products known as the multi-purpose lubricant source for many industrial equipment that is originated in India.

Having specified balanced high-performance formula, different grade (ISO 150, ISO 220, ISO 320, ISO 460, ISO 680) and series (including 525, 528, 533, 537, 546 and 548), this product is suitable for applications using splash, bath and ring oil arrangements. Moreover, it would be applied for the system involving valves, pumps, auxiliary equipment and hydraulic systems where higher viscosity oils are specified as well. The significant features that inspire every one as a customer to use including:

- High resistance to oxidation and thermal degradation
- Outstanding anti-wear performance
- Excellent water separation characteristics
- Multiple application capability
- Good protection against rust and corrosion
- Resistant to the effects of prolonged high temperature

GALDABINI Universal Testing Machine

A wide range of electromechanical materials testing machines suitable for bidirectional tests: tensile, compression, flexure, bending, cycle, constant load and many others according to International Standards or customer procedures



Engineering Drives

Engineering Drivers and Applications Unit; specializes in distributing well-known and major brands in the heavy industrial sector, such as AG-OG Frequency Converters and motor brands, to provide energy efficiency services.

Our unit possesses the expertise and product range to meet all demands, including air-cooled systems, water-cooled DC bus systems, Regen, Low-Harmonic, medium-voltage soft starters, and medium-voltage drives commonly found in industrial processes.

As a reputable engineering firm with a history of successful projects, our primary goal is to provide industrial companies with the fastest solutions and technical engineering support they need.

SERVICE SCOPE:

Iron & Steel Companies

Mining Companies

Marine

Petrochemical

Thermal Plant

Cement



Automation EPC projects

The Automation Unit utilizes its engineering expertise and experience in industrial settings to offer services encompassing all aspects of monitoring and controlling process systems. The primary goal is to establish the necessary network, communication hardware, and software infrastructure to ensure the sustainability of the system, including the development and implementation of PLC, HMI, and SCADA programs.

A key focus area for the unit is the creation of monitoring and control software for energy storage facilities and EV Charger units, aligning with advancements in the energy sector. The Automation Unit, in harmony with innovative framework, is dedicated to supporting sustainability objectives, particularly within the energy domain.

SERVICE SCOPE:

- Design and manufacture of automation panels
- Integration of data processing automation and software
- On-site facilities and commissioning
- Software hardware communications
- Engineering services



 SIRI INTERNATIONAL FZCO UNIT No.101, BUILDING A2, IFZA, DUBAI, UAE	 HOLAX METAL LTD. ŞTİ. No.14, Unit 7, Byoffice Kozyatağı Building, Sarıkanarya Ave., Kozyatağı District, Kadıköy, İstanbul, Turkey Email: info@holaxmetal.com
SIRI INTERNATIONAL FZCO Unit No. 101, Building A2, IFZA, Dubai, UAE Email: sales@siri-international.com	
Purchase Order No.: HM091122SI Date: 09.11.2022	
1- Contract subject: Purchase 504 MT Ferro Manganese High-Carbon	
2- Conditions for the execution of the contract: This contract will be executed by performing all of the following.	
3- Specification: Ferro Manganese High-Carbon Mn 76% Min. Si 2% Max. C 4-7.5% Max. S 0.03% Max. P 0.3% Max. Size 10- 60mm (90% Min)	
4- Inspection: Cargo will be inspected by Third Party International Inspection Company chosen by Buyer.	
5- Time of Delivery: Within November 2022 to December 2022	
6- Term of Delivery: Term of trade is CFR Jebel Ali based on Incoterms 2020.	
7- Origin: India	8- Packing: 1 MT Big Bag
9- Contract amount: The total amount of the contract is not changeable and fixed, equal to Euros	
10- Terms of payment: 70% in advance against invoice 30% against Copy of Shipping Documents	
11- Shipping documents and documents related to packages: • Invoice 2 copies+ 3 original • Certificate of origin 2 copies+ 1 original • Packing List 2 copies+ 3 original • IC+Test Certificate 1 original • Bill of lading 2 copies+ 3 original	
12- Delay and damage crimes: 12-1 The ceiling of the delay penalty will be equal to 10% (ten percent) of the total amount of the contract. 12-2 Determining whether the delays are permissible or not is based on the agreement of the parties.	
13- Force Majeure: 13-1 Force Majeure, according to general legal principles, is unforeseeable, unpreventable and uncontrollable events that have direct and noticeable effect on the responsibilities of the parties of the contract, in a way that they cannot fulfill their commitments. 13-2 Obstruction due to force majeure in the performance of a part of the contractual obligations should not result in non-fulfillment of other contractual obligations. 13-3 The period of force majeure will be added to the duration of the contract.	
14- Validity of the contract: Only and only the Latin (English) writing of the contract is criterion for all the decisions, commitments and activities related to this contract.	
Buyer sign and seal 	Seller sign and seal  HOLAX METAL LTD. ŞTİ. Kozyatağı Mah. Sarıkanarya Sk.Byoffice Kozyatağı No:14/7 Kadıköy/İSTANBUL Tel: +90 537 437 36 82 www.holaxmetal.com Erenköy VD: 4631432819 Tic. Sic. No: 475695 Mersis No: 0463143281900001

 SIRI INTERNATIONAL FZCO UNIT No.101, BUILDING A2, IFZA, DUBAI, UAE	 HOLAX METAL LTD. ŞTİ. No.14, Unit 7, Byoffice Kozyatağı Building, Sarıkanarya Ave., Kozyatağı District, Kadıköy, İstanbul, Turkey Email: info@holaxmetal.com
SIRI INTERNATIONAL FZCO Unit No. 101, Building A2, IFZA, Dubai, UAE Email: sales@siri-international.com	
Purchase Order No.: HM130223SI Date: 13.02.2023	
1- Contract subject: Purchase 2016 MT Ferro Silico Manganese 60/14	
2- Conditions for the execution of the contract: This contract will be executed by performing all of the following.	
3- Specification: Ferro Silico Manganese Si 14% min. Mn 60% min. C 2.5% Max. S 0.03% max. P 0.30% max. Size: 10 – 60mm (90% Min)	
4- Inspection: Cargo will be inspected by Third Party International Inspection Company chosen by Buyer.	
5- Time of Delivery: Within February 2023 to March 2023	
6- Term of Delivery: Term of trade is CFR Jebel Ali based on Incoterms 2020.	
7- Origin: India	8- Packing: 1 MT Big Bag
9- Contract amount: The total amount of the contract is not changeable and fixed, equal to Euros	
10- Terms of payment: 50% in advance against invoice 50% against Copy of Shipping Documents	
11- Shipping documents and documents related to packages: • Invoice 2 copies+ 3 original • Certificate of origin 2 copies+ 1 original • Packing List 2 copies+ 3 original • IC+Test Certificate 1 original • Bill of lading 2 copies+ 3 original	
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Buyer sign and seal 	Seller sign and seal  HOLAX METAL LTD. ŞTİ. Kozyatağı Mah. Sarıkanarya Sk.Byoffice Kozyatağı No:14/7 Kadıköy/İSTANBUL Tel: +90 537 437 36 82 www.holaxmetal.com Erenköy VD: 4631432819 Tic. Sic. No: 475695 Mersis No: 0463143281900001

SIRI INTERNATIONAL FZCO
Unit No. 101, Building A2, IFZA, Dubai, UAE
Email: sales@siri-international.com

HOLAX METAL LTD. ŞTİ.
No.14, Unit 7, Byoffice Kozyatağı Building,
Sarıkanya Ave., Kozyatağı District, Kadıköy,
Istanbul, Turkey
Email: info@holaxmetal.com

Purchase Order No.: HM190723SI
Date: 19.07.2023

1- Contract subject: Purchase 500 MT Graphite Electrode UHP 700 With 4TPL Nipples
Brand Fangda

2- Conditions for the execution of the contract:
This contract will be executed by performing all of the following.

3- Specification: Attached

4- Inspection:
Cargo will be inspected by Third Party International Inspection Company chosen by Buyer.

5- Time of Delivery: Within July 2023 to September 2023

6- Term of Delivery:
Term of trade is CFR Jebel Ali based on Incoterms 2020.

7- Origin: China 8- Packing: Wooden Case

9- Contract amount:
The total amount of the contract is not changeable and fixed, equal to Euros

10- Terms of payment:
30% in advance against invoice
70% against Copy of Shipping Documents

11- Shipping documents and documents related to packages:
• Invoice 2 copies+ 3 original
• Certificate of origin 2 copies+ 1 original
• Packing List 2 copies+ 3 original
• IC+Test Certificate 1 original
• Bill of lading 2 copies+ 3 original

12- Delay and damage crimes:

12-1 The ceiling of the delay penalty will be equal to 10% (ten percent) of the total amount of the contract.

12-2 Determining whether the delays are permissible or not is based on the agreement of the parties.

13- Force Majeure:

13-1 Force Majeure, according to general legal principles, is unforeseeable, unpreventable and uncontrollable events that have direct and noticeable effect on the responsibilities of the parties of the contract, in a way that they cannot fulfill their commitments.

13-2 Obstruction due to force majeure in the performance of a part of the contractual obligations should not result in non-fulfillment of other contractual obligations.

13-3 The period of force majeure will be added to the duration of the contract.

14- Validity of the contract:

Only and only the Latin (English) writing of the contract is criterion for all the decisions, commitments and activities related to this contract.

Buyer sign and seal



Seller sign and seal

HOLAX METAL LTD. ŞTİ.
Kozyatağı Mah. Sarıkanya Sk. Byoffice
Kozyatağı No:14/7 Kadıköy/İSTANBUL
Tel: +90 537 437 36 82 www.holaxmetal.com
Erenköy VD: 4631432819 Tic. Sic. No: 475695
Mersis No: 0463143281900001

Sanaat Gostar Sadr Parsian
Engineering Co.

Date: 2023-03-13
Ref: 140112-S-38095
Att: 1 Pages

Buyer: Sanaat Gostar Sadr Parsian Engineering Co.
Unit 42, 4th floor, Sheykh Bahai Building, Sajjad St.,
Sepahsalar Neighborhood, Esfahan – Iran
Tel: +98 3136605285
Email: info@sgspeco.com

Seller: Holax Metal Ltd. Şti.
No.14, Unit 7, Byoffice Kozyatağı Building,
Sarıkanya Ave., Kozyatağı District, Kadıköy,
Istanbul, Turkey
Email: info@holaxmetal.com

Scope of Supply: 300 MT Graphite Electrode UHP
500 With T4L Nipples
Brand Shida

PI No.: HLX-PI2303-23152

Delivery Time: Within March 2023 to April 2023

Delivery Term: CFR Bandarabbas Iran

Origin: China

Terms of Payment:
50% in advance against invoice
50% against Copy of Shipping Documents

Unit Price/PSC: USD

Total Amount: USD

Purchase Order Coming into force date:

This purchase order only comes into force upon
signature of both parties and receipt of payment
by seller.

Insurance:

goods shall be insured by buyer, policy number to
be advised accordingly.

Inspection:

The buyer has the right to inspection the goods at
his own expenses and in the Manufacture.

Delay:

In case of delays in delivery beyond the dates
indicated in the time schedule, the seller shall pay
0.3% of the price of the item not delivered per
each completed week as damage.

Shipping Document:

Bill of Lading 3 Original
packing List 3 Original
Invoice 3 Original
CO 1 Original

Attachment:

Specification of Contract Subject

Packing: Wooden Case



HOLAX METAL LTD. ŞTİ.
Kozyatağı Mah. Sarıkanya Sk. Byoffice
Kozyatağı No:14/7 Kadıköy/İSTANBUL
Tel: +90 537 437 36 82 www.holaxmetal.com
Erenköy VD: 4631432819 Tic. Sic. No: 475695
Mersis No: 0463143281900001

Unit 42, 4th floor, Sheykh Bahai Building, Sajjad Street, Sepahsalar Neighborhood, Esfahan – Iran

Tel: 031-36605285

FAX:031-36605286

Postal Code: 8166714644

www.sgspeco.com

www.info@sgspeco.com

www.sgspeco.co@gmail.com



Sanaat Gostar Sadr Parsian
Engineering Co.

Date: 2023-05-03
Ref: 140202-S-38343
Att: No

Buyer: Sanaat Gostar Sadr Parsian Engineering Co. Unit 42, 4 th floor, Sheykh Bahai Building, Sajjad St., Sepahsalar Neighborhood, Esfahan – Iran Tel: +98 3136605285 Email: info@sgspeco.com	Seller: Holax Metal Ltd. Şti. No.14, Unit 7, Byoffice Kozyatağı Building, Sarikanarya Ave., Kozyatağı District, Kadıköy, Istanbul, Turkey Email: info@holaxmetal.com
Scope of Supply: 2500 MT Calcined Petroleum Coke (CPC)	PI No.: HLX-PI2305-23169
Specification: C 98%min, S 0.8%max, ASH 0.5%max, Volatile 0.7%max, Size 1-3mm (90% pass)	
Delivery Time: Within May 2023 to July 2023	Delivery Term: CFR Bandarabbas Iran
Origin: China	Terms of Payment: 50% in advance against invoice 50% against Copy of Shipping Documents
Unit Price/PSC: USD	Total Amount: USD
Purchase Order Coming into force date: This purchase order only comes into force upon signature of both parties and receipt of payment by seller.	Insurance: goods shall be insured by buyer, policy number to be advised accordingly.
Inspection: The buyer has the right to inspection the goods at his own expenses and in the Manufacture.	Delay: In case of delays in delivery beyond the dates indicated in the time schedule, the seller shall pay 0.3% of the price of the item not delivered per each completed week as damage.
Shipping Document: Bill of Lading 3 Original packing List 3 Original Invoice 3 Original CO 1 Original	Packing: Bulk



HOLAX METAL LTD. ŞTI.
Kozyatağı Mah. Sarikanarya Sk. Byoffice
Kozyatağı No:14/7 Kadıköy/İSTANBUL
Tel: +90 537 437 36 82 www.holaxmetal.com
Erenköy VD: 4631432819 Tic. Sic. No: 475695
Mersis No: 0463143281900001

Unit 42, 4 th floor, Sheykh Bahai Building, Sajjad Street, Sepahsalar Neighborhood, Esfahan - Iran

Tel: 031-36605285

FAX:031-36605286

Postal Code: 8166714644

www.sgspeco.com

www.info@sgspeco.com

www.sgspa.co@gmail.com



Sanaat Gostar Sadr Parsian
Engineering Co.

Date: 2023-07-11
Ref: 140204-S-39472
Att: Yes

Buyer: Sanaat Gostar Sadr Parsian Engineering Co. Unit 42, 4 th floor, Sheykh Bahai Building, Sajjad St., Sepahsalar Neighborhood, Esfahan – Iran Tel: +98 3136605285 Email: info@sgspeco.com	Seller: Holax Metal Ltd. Şti. No.14, Unit 7, Byoffice Kozyatağı Building, Sarikanarya Ave., Kozyatağı District, Kadıköy, Istanbul, Turkey Email: info@holaxmetal.com
Scope of Supply: ABB Drives	PI No.: HLX-PI2307-23197
Attachment: Specification of Contract Subject and Data Sheets	
Delivery Time: Maximum 8 weeks after payment	Delivery Term: CPT Tehran Iran
Origin: Finland	Terms of Payment: 100% in advance against invoice
Unit Price/PSC: EUR	Total Amount: EUR
Purchase Order Coming into force date: This purchase order only comes into force upon signature of both parties and receipt of payment by seller.	Insurance: goods shall be insured by buyer, policy number to be advised accordingly.
Inspection: The buyer has the right to inspection the goods at his own expenses and in the Manufacture.	Delay: In case of delays in delivery beyond the dates indicated in the time schedule, the seller shall pay 0.3% of the price of the item not delivered per each completed week as damage.
Shipping Document: Bill of Lading 3 Original packing List 3 Original Invoice 3 Original CO 1 Original	Packing: CTN



HOLAX METAL LTD. ŞTI.
Kozyatağı Mah. Sarikanarya Sk. Byoffice
Kozyatağı No:14/7 Kadıköy/İSTANBUL
Tel: +90 537 437 36 82 www.holaxmetal.com
Erenköy VD: 4631432819 Tic. Sic. No: 475695
Mersis No: 0463143281900001

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Postal Code: 8166714644

www.sgspeco.com

www.info@sgspeco.com

www.sgspa.co@gmail.com



Sanaat Gostar Sadr Parsian
Engineering Co.

Date: 2023-06-07
Ref: 140203-S-39253
Att: No

Buyer: Sanaat Gostar Sadr Parsian Engineering Co. Unit 42, 4 th floor, Sheykh Bahai Building, Sajjad St., Sepahsalar Neighborhood, Esfahan – Iran Tel: +98 3136605285 Email: info@sgspeco.com	Seller: Holax Metal Ltd. Şti. No.14, Unit 7, Byoffice Kozyatağı Building, Sarikanarya Ave., Kozyatağı District, Kadıköy, Istanbul, Turkey Email: info@holaxmetal.com
Scope of Supply: 3024 MT Ferro Silico Manganese 60/14	PI No.: HLX-PI2306-23183
Specification: Ferro Silico Manganese Si 14% min Mn 60% min C 2.5% max S 0.05% max P 0.2% max Size 10-60mm (90% min)	
Delivery Time: Within June 2023 to August 2023	Delivery Term: CFR Bandarabbas Iran
Origin: India	Terms of Payment: 30% in advance against invoice 70% against Copy of Shipping Documents
Unit Price/PSC: EUR	Total Amount: EUR
Purchase Order Coming into force date: This purchase order only comes into force upon signature of both parties and receipt of payment by seller.	Insurance: goods shall be insured by buyer, policy number to be advised accordingly.
Inspection: The buyer has the right to inspection the goods at his own expenses and in the Manufacture.	Delay: In case of delays in delivery beyond the dates indicated in the time schedule, the seller shall pay 0.3% of the price of the item not delivered per each completed week as damage.
Shipping Document: Bill of Lading 2 Copies + 3 Original packing List 2 Copies + 3 Original Invoice 2 Copies + 3 Original CO 2 Copies + 1 Original	Packing: 1 MT Big Bag



HOLAX METAL LTD. ŞTİ.
Kozyatağı Mah. Sarikanarya St. Byoffice
Kozyatağı No:14/7 Kadıköy/İSTANBUL
Tel: +90 537 437 36 82 www.holaxmetal.com
Serişidit YD: 4631432819 Tic. Sic. No: 475695
Mersis No: 0463143281900001

Unit 42, 4 th floor, Sheykh Bahai Building, Sajjad Street, Sepahsalar Neighborhood, Esfahan - Iran

Tel: 031-36605285

FAX: 031-36605286

Postal Code: 8166714644

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www.info@sgspeco.com

www.sgspa.co@gmail.com



BUREAU
VERITAS

DATE: 11.04.2023

TEST CERTIFICATE

SAMPLE DETAILS: SILICO MANGANESE

SAMPLE DESCRIBED AS	: SILICO MANGANESE
CLIENT DETAILS	: KALYAN AGENCIES-504MT(SUBMITTED SAMPLE)
SAMPLE CODE	: KIA/SIMN/504MT
SAMPLING RECEIVED ON	: 05.04.2023
CONDITION OF SAMPLE	: POWDER
LAB TEST REPORT NO	:

PARAMETER	RESULT OBTAIN	PROTOCOL
Mn	60.32	IS1559
Si	15.20	IS1559
C	2.08	IS1559
P	0.212	IS1559
S	0.025	IS1559

CHECKED BY

AUTHORIZED SIGNATORY

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- Unless otherwise specified sample will be disposed within 30 days.
- Remaining portion of sample after testing (if any) will be retained for max 07 days only.

All business are undertaken subject to Bureau Veritas GTCS- rev 05 dt August 2021 BV Terms and conditions of service.



BUREAU
VERITAS

DATE: 08.08.2023

TEST CERTIFICATE

SAMPLE DETAILS: FERRO SILICO MANGANESE

SAMPLE DESCRIBED AS	: FERRO SILICO MANGANESE
CLIENT DETAILS	: KALYAN AGENCIES-252MT (SUBMITTED SAMPLE)
SAMPLE CODE	:
SAMPLING RECEIVED ON	: 02.08.2023
CONDITION OF SAMPLE	: POWDER
LAB TEST REPORT NO	:

PARAMETER	RESULT OBTAIN	PROTOCOL
Mn	61.51	IS1559
Si	15.86	IS1559
C	2.04	IS1559
P	0.199	IS1559
S	0.027	IS1559

CHECKED BY

AUTHORIZED SIGNATORY

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- Remaining portion of sample after testing (if any) will be retained for max 07 days only.

All business are undertaken subject to Bureau Veritas GTCS- rev 05 dt August 2021 BV Terms and conditions of service.



TEST REPORT

TEST REPORT NO. :

DATE : 27/12/2022

ULR No. :

*NAME & ADDRESS OF CUSTOMER :

KALYAN INSPECTION AGENCY

*CUSTOMERS REFERENCE :

DATE : 22/12/2022

SAMPLE PARTICULARS :

High Carbon Ferro Manganese

SAMPLE RECEIPT DATE :

22/12/2022

NO. OF SAMPLE(S) :

1

*SAMPLE DESCRIPTION :

KALYAN INSPECTION AGENCY

CONDITION OF SAMPLE :

AS RECEIVED (POWDER)

CHEMICAL TESTING :

Metals & Alloys

TEST RESULTS

ANALYSIS COMMENCEMENT DATE: 19/09/2022		ANALYSIS COMPLETION DATE: 27/12/2022					
SAMPLE CODE	*SAMPLE REF/ID(Customer)	Manganese	Silicon	Sulphur	Phosphorus	Carbon	---
		IS	IS	ASTM	IS	ASTM	---
		1559:1961 (DB)	1559:1961 (DB)	E1019:2018 (DB)	1559:1961 (DB)	E1019:2018 (DB)	---
	QTY:336MT	77.96	0.47	---	0.172	---	---

REMARKS :

SUBMITTED SAMPLE(SAMPLE NOT DRAWN BY US)

*Indicates information supplied by the customer for which the laboratory has no control

Enclosures ()

Authorised Signatory

Keshab Hali
(Lab Manager)



TEST REPORT

TEST REPORT NO. :

DATE : 27/12/2022

*NAME & ADDRESS OF CUSTOMER :

KALYAN INSPECTION AGENCY

*CUSTOMERS REFERENCE :

DATE : 22/12/2022

SAMPLE PARTICULARS :

High Carbon Ferro Manganese

SAMPLE RECEIPT DATE :

22/12/2022

NO. OF SAMPLE(S) :

1

*SAMPLE DESCRIPTION :

KALYAN INSPECTION AGENCY

CONDITION OF SAMPLE :

AS RECEIVED (POWDER)

CHEMICAL TESTING :

Metals & Alloys

TEST RESULTS

ANALYSIS COMMENCEMENT DATE: 19/09/2022		ANALYSIS COMPLETION DATE: 27/12/2022					
SAMPLE CODE	*SAMPLE REF/ID(Customer)	Manganese	Silicon	Sulphur	Phosphorus	Carbon	---
		IS	IS	ASTM	IS	ASTM	---
		1559:1961 (DB)	1559:1961 (DB)	E1019:2018 (DB)	1559:1961 (DB)	E1019:2018 (DB)	---
	QTY:336MT	---	---	0.008	---	6.77	---

REMARKS :

SUBMITTED SAMPLE(SAMPLE NOT DRAWN BY US)

*Indicates information supplied by the customer for which the laboratory has no control

Enclosures ()

Authorised Signatory

Keshab Hali
(Lab Manager)





Lab Reference No.:MNE212512TJ

SGS Report No.:MERTJ2100779-01A

Testing Report Page: 1 / 1

TESTING REPORT

Principal Name: Holax Metal Ltd. Şti.
Principal Address: No.14, Unit 7, Byoffice Kozyatağı Building, Sarıkanarya Ave., Kozyatağı District, Kadıköy, İstanbul, Turkey
Declared Sample Name: Calcined Petroleum Coke
Sample Received Date: 2023-06-09
Sample Testing Period: 2023-06-13 ~ 2023-06-15
Declared Sample Number: C210243-1
Sample Condition on Receipt: Granule/Powder(3.710kg)



In accordance with instructions received from applicant, we prepared and carried out required test on the sample. The analysis results reported as follows:

Test Items	Base	Symbol	Unit	Result	Method/Standard No.
				/	
Total Moisture	ar	Mtr	%	0.1	Refer to ISO 589:2008(E)
Ash	d	A	%	0.33	SH/T 0313-1992
Volatile Matter	d	V	%	0.57	SH/T 0313-1992
Fixed Carbon	d	FC	%	99.10	by calculating
Total Sulfur	d	St	%	0.55	Refer to ISO 19579:2006(E)
SIZE	/	0-1mm	%	0.9	Refer to ISO 1953:2015(E)
SIZE	/	1-3mm	%	99.0	Refer to ISO 1953:2015(E)
SIZE	/	+3mm	%	0.1	Refer to ISO 1953:2015(E)

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SGS-CSTC Standards Technical Services(TianJin) Co.,Ltd.

Gang Wang

Authorized Signature

2023-06-15

***** The end *****



SGS-CSTC Standards Technical Services(TianJin) Co.,Ltd.
Waters Service

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