

A DIVISION OF NEXT UP INVESTMENT SPC

NEXT UP INDUSTRIAL SUPPLIES

PRODUCT CATALOG

Core Product Offerings

SPARES & PARTS FOR:



Crushers, Ready Mix
& Hot Mix



Construction &
Heavy Equipment



Chemicals, Steel
Plates & Structural



Welding
Accessories &
Consumables

Our Range

PRODUCTS & SERVICES

STEEL & TUBULAR

-  Flat Products
-  Tubular Products & Pipes
-  Fittings
-  Valves
-  Value Added Products

WELDING & SPARES

-  Welding Accessories
-  Welding Spares
-  Electrodes
-  Tig Rods & Mig Wires
-  Construction Parts

INDUSTRIAL & HVAC

-  Tools & Equipment
-  Hydraulic Components
-  Treatment Chemicals
-  HVAC Consumables
-  Building Materials

PRODUCT RANGE

LONG PRODUCTS SPECIFICATIONS

PRODUCT TYPE

UNIVERSAL BEAMS (UB)
UNIVERSAL COLUMNS (UC)
AMER. WIDE FLANGE (W)
JAPANESE H BEAMS (JIS)
JAPANESE I BEAMS (JIS)
EURO FLANGE (HEA/HEB)
EURO I BEAMS (IPE)
BRITISH CHANNELS (PFC)
EURO CHANNELS (UPN)
JAPANESE CHANNELS (JIS)
EQUAL ANGLES
UNEQUAL ANGLES
FLAT BARS
SQUARE BARS
ROUND BARS / SHAFTING
REINFORCEMENT BARS
STEEL T-BAR / BULB BARS
INVERTED ANGLES

SIZE RANGE

UB 127 × 76 to 1016 × 305 mm
UC 152 × 152 to 356 × 406 mm
Width: 5 × 3 to 36 × 16.5
100 × 100 to 400 × 400 mm
100 × 50 to 900 × 300 mm
HEA 100 - 1000 / HEB 100 - 1000 mm
IPE 80 to 600 mm
100 × 50 to 430 × 100 mm
UPN 80 to 400 mm
75 × 40 to 380 × 100 mm
25 × 25 to 250 × 250 mm
75 × 50 to 200 × 100 mm
25 to 250 mm
Thickness: 3 to 20 mm
8 to 60 mm / 6 to 200 mm
8 to 32 mm
40 × 40 × 5 to 50 × 50 × 6 mm
100 × 6 - 430 × 20 / 200 × 90 - 450 × 125

STEEL GRADE

EN 10025 S275JR / S355JR / S355J2
ASTM A36 / A572 GR.50 / A992 GR.50
EN 10025 S275JR / S355JR / S355J2
EN 10025 S275JR / S355JR
JIS G3101 SS400 / SS490
EN 10025 S275JR / S355JR / A36
EN 10025 S275JR / S355JR / S355J2
EN 10025 S275JR / S355JR / S355J2
EN 10025 S275JR / S355JR / S355J2
JIS G3101 SS400
S275JR / S355JR / A36 / SS400
S275JR / S355JR / A36 / SS400
S275JR / BS4360 GR.43A
JIS G3101 SS400 / A36
EN 10025 S275JR / A36 / ST37.2
BS 4449-2005 GRADE B500B
S275JR / ST37.2 / A36
GR A / AH36 - 3.2 BY IACS TP1A

PRODUCT RANGE

FLAT PRODUCTS SPECIFICATIONS



PRODUCT TYPE

HOT ROLLED STEEL PLATES
/ SHEETS

HOT ROLLED CHEQ. PLATES

HOT ROLLED COILS

COLD ROLLED COILS

WIRE ROD

STEEL PLATES: HIGH
TENSILE & OFFSHORE

STEEL PLATES: MARINE
QUALITY

STEEL PRESSURE VESSEL
PLATE

SIZE RANGE

1.2×2.4, 1.5×6, 1.8×6, 2×6 m
2.5×8, 2.5×10, 2.5×12 m

Thickness: 2 to 150 mm

1.2 × 2.4, 1.5 × 6 m

Thickness: 2 to 12 mm

0.80 to 16mm x 1219/1500/2000 mm

0.35 to 2 mm x 1219 mm

5.50 / 6.50 / 7 / 8 / 9 / 11 mm

1.5-2×6, 2.5×8, 2.5×10, 2.5×12 m
Thickness: 4 to 100 mm

2×6, 2.5×8, 2.5×12, 3.05×12 m
Thickness: 6 to 100 mm

Thickness: 6 to 100 mm

STEEL GRADE

S275JR / ASTM A36
JIS G3101 SS400 / ST37.2

Standard Thickness Range

ASTM A36 / ST37.2 / S275JR

S235JR / S355JR / A36 / SPHC /
SPHT1

SPCC SD

SAE 1006 / 1008 / 1012 / 1018

API 2H GR.50 / API 2W GR.50

GR.A / B / D, GR.AH36 / DH36 /
EH36

ASTM/ASME/SA516
GR.60/65/70 N

Flat Products Specifications



PRODUCT TYPE

GRATINGS BLACK & GALV.

MILD STEEL EXPANDED
METAL

ALU ZINC SHEETS/COILS

ELECTRO GALVANIZED
SHEETS

PPGI COILS

NICKEL / MONEL / INCONEL

INCOLOY / TITANIUM ALLOYS

WEATHERING STEEL
(CORTEN)

SIZE RANGE

3 × 20 to 50 × 4 mm
Plain & Serrated

3FT x 20FT, 1× 6 m
& Tailor Made

1.2 × 2.4 m
2.3 to 6 mm

1.2 × 2.4 m
0.4 to 4 mm

1.2 × 2.4 m
0.4 to 4 mm

Thickness: 0.28-0.68
Width up to 1219 mm

—

5 mm x 125 mm

STEEL GRADE

EN 10025 S275JR / A36

GALV. BS729 / ASTM A123

JIS G3351

ASTM A792

JIS G3313

JIS G3312 / A653
201/200 UNS, 400 UNS,
625/601/600 UNS

825/925 UNS, ASME SB
265-2
718/725 UNS N07718/N07725

EN 10025-5:2004
S355J0WP/S355J0W/S355J2W

Product Range

Tubulars & Fittings Specifications



PRODUCT TYPE	SIZE	GRADE
TUBULARS PRODUCTS / PIPES		
MS ERW PIPES BLACK & GALVANIZED	Dia. 0.50" to 20" - Sch. 40 & 80 & Class Thickness: 1.2 to 20 mm	BS1387 / API 5L / A53
SEAMLESS PIPE	Dia. 0.50" to 20" - Sch 40, 80, 120 & 160	ASTM A53 Gr.B/API 5L x 52/ASTM A106 Gr.B X42/X52/X60/X65 - PSL1 PSL2
CARBON STEEL LOW TEMP SEAMLESS	1/4" - 24"	A333 GR6 / A333 GR3
CARBON STEEL LOW TEMP WELDED	20" - 48"	A671 CC60 & A671 CC65
CARBON STEEL WELDED	2" - 48"	ERW/HFW/SAW/DSAW A53 GRB/API 5L GRB/X42/X52/X60/X65
ALLOY PIPES	2 1/2" - 24"	ASTM - A 335 P1/P2/P5/P9/P11/12
DUPLEX/SUPER DUPLEX SEAMLESS	1/2" - 8"	ASTM 790
DUPLEX/SUPER DUPLEX WELDED	8" - 24"	ASTM A928 / ASTM 790
SQUARE HOLLOW SECTIONS	16 × 16 till 400 × 400mm	JIS G3466 STKR400 / STKR490 S275J2H / S355J2H /ASTM 500 Gr.A/B/C
RECTANGULAR HOLLOW SECTIONS	40 × 20 till 400 × 200mm	JIS G3466 STKR400 / STKR490 S275J2H / S355J2H /ASTM 500 Gr.A/B/C
FITTINGS		
CARBON STEEL	1/4" - 48"	A234 WPB / A420 WPL6 / WPHY52
CARBON STEEL FORGED	1/4" - 6" A	105 / A350 LF2
DUPLEX / SUPER DUPLEX	1/2" - 16"	A815 UNS S31803 / UNS S32750

SS & Exotic Grades / Value Added Specifications

PRODUCT TYPE

COILS
PLATES/SHEETS
SHS
ROUND BARS
DECORATIVE PIPES
FLAT BARS
EQUAL ANGLES
SEAMLESS & WELDED PIPE
THREADED BAR
ANCHOR / STUD BOLT

SIZE RANGE

Width 1219, 1500; Thk: 0.35-3.0mm
1219×2438, 1219×3050, 2×6 m
25×25 to 100×100; Thk: 1.2-3mm
Dia 6.0 to 100 mm / Dia 1/2" to 2"
Width up to 100 mm; Thk: to 12mm
Max 150 × 150 mm; Thk: to 12mm
5 to 24 mm / 1/2" - M42 drawing
1/2" to 24" SCH 10S, 40s, 80s, 160s
1/4" to 4" #3000, #6000
8 to 40mm / 0.5 to 6 mm

STEEL GRADE

201, 304/304L, 316/316L
304/316L/S31803/S32750/S32760/625/825
304 & 316 / SS 904L / Duplex & Super
304/316L/S31803/S32750/S32760/625/825
304 & 316L
304/316L
304/316L / Class A470/A480
304/316L/S31803/S32750/S32760/625/825
A182 F316/316L / F304/304L
304L/316L/316LN/316S33/318S13/S32304

Value Added:
DECKING/PURLINS/SKIN

Thk: 0.7 to 1.5 mm / 1.2 to 3 mm / 0.28 to 0.9 mm

A653, SS340, GR.50, Z275 / A792 / AA3105

Complete project package suppliers to storage farms for LPG,
PETROLEUM PRODUCTS AND PALM OIL STORAGE

★ **MILL TEST CERTIFICATE AVAILABLE FOR EVERY PRODUCT** ★

Product Range

Types of Brass Pipe Fittings



Hose Barb

Male Threaded Fitting



Compression

Brass Compression Joint



90° Elbow

Right-Angle Pipe Bend



Compression Tee

Three-Way T-Connector



Quick Release

Easy Disconnect Coupling



Bell Reducer

In-Line Size Adapter



Hex Nipple

Threaded Hexagonal Joint



Cap Plug

Hex Cap End Blocker



Reducer Coupling

Straight Reducer Joint

Product Range

Types of Stainless Steel Fittings



90° Elbow
Long Radius Bend



Equal Tee
Three-Way
T-Connector



Hex Nipple
Threaded Joint Adapter



Union Fitting
Threaded Coupling



Caps & Plugs
End Blocker Fitting



Concentric Reducer
In-Line Size Adapter



Hose Barb
Male Threaded Adapter



Sockolet
Branch Connection
Fitting



Straight Coupling
In-line Pipe Joint

Product Range

Types of Threaded Fittings



90° Elbow

Female Threaded Bend



Equal Tee

Three-Way Connector



Street Elbow

Male-Female Bend



Hex Bushing

Thread Reducer Joint



Coupling

Straight Line Connector



Hose Barb

Tubing Adapter Fitting



Threaded Union

Three-Part Coupling



Hex Nipple

Male Threaded Joint



90° Elbow

Union Elbow Fitting

Product Range

Types of Valves



Butterfly



Ball



Check



Diaphragm



Control



Gate



Globe



Thermostatic



Relief



Pinch



Piston



Plug



Safety



Rotary

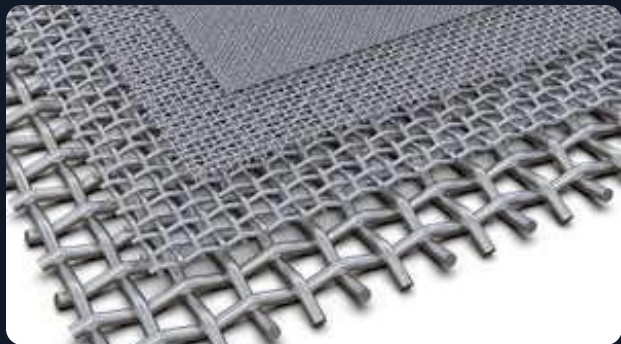


Solenoid



Regulating

Woven Wire Mesh



High-Performance Screening

Metallic screens are the industry standard in mining and aggregates, valued for high screening area, precision, and cost efficiency.

Engineered using premium steel alloys to withstand severe abrasion and high tension, maintaining ideal vibrational balance to prevent premature breakage.

ISO 4783-3 CLASSIFICATIONS

TYPE A

Double crimped woven mesh

TYPE B

(Single) Intermediate crimped woven mesh

TYPE C

(Double) Intermediate crimped woven mesh

TYPE D

Lock crimped woven mesh

TYPE E

Flat top woven mesh

OUR OFFERINGS

Heavy-Duty Industrial Solutions

We deliver comprehensive, heavy-duty industrial solutions designed to maximize operational efficiency, minimize downtime, and extend the lifespan of your critical machinery.



1. Conveyor Belts

High-capacity handling for demanding systems.

- **Durability:** Severe impact & heavy load resistance.
- **Smoothness:** Low-friction design reduces wear.



2. Repair Kits

All-in-one solutions for rapid on-site maintenance.

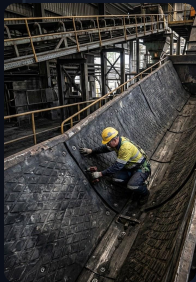
- **Tooling:** Power tools, fasteners & hardware.
- **Speed:** Splicing kits built for urgent interventions.



3. Vulcanizing Kits

Professional-grade tools for high-strength bonding.

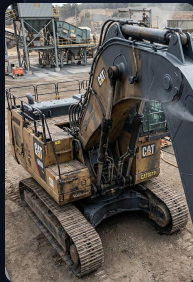
- **Patches:** High-tensile units for puncture repair.
- **Adhesives:** Chemical-resistant, high-bond cement.



4. Wear Protection

Lining systems to shield high-impact zones.

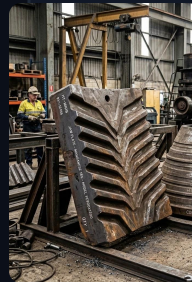
- **Materials:** Rubber, polyurethane & ceramic.
- **Longevity:** Protects chutes, hoppers & system components.



5. Ingress & Corrosion

Sealing systems defending against harsh elements.

- **Sealing:** Prevents dust, moisture & particle penetration.
- **Barriers:** Premium surface defense against oxidation.



6. Crusher Parts

Replacement components for crushing machinery.

- **Alloys:** High-manganese and premium chrome steels.
- **Support:** Perfect fit mantles, bowl liners & gears.

INDUSTRIAL COMPONENTS

Structural & Functional Flanges

High-precision connection interfaces engineered for critical industrial piping, structural support, and high-pressure sealing systems.



High-Performance Piping

Flanged connections serve as the cornerstone of industrial fluid networks, valued for robust structural alignment and modular maintenance capabilities.

- **Material Integrity:** Premium carbon, stainless, and alloy steel structures built to survive extreme pressure differentials and thermal cycles.

CORE FUNCTIONAL CLASSIFICATIONS

WELDING NECK

High-stress transfer to the pipe; preferred for extreme pressure, turbulence, and severe service conditions.

SLIP-ON

Easy-to-align sleeve fitting; slides over the pipe end, providing cost-effective installation for lower pressure systems.

BLIND FLANGE

Complete closure of piping ends or vessels; engineered to absorb high bending stress from internal system pressure.

SOCKET WELD

Internal pocket recess for a smooth bore fit; perfect for highly compact, high-pressure, small-size pipelines.

THREADED

Non-welded connection using internal threads; ideal for highly explosive environments where hot work is restricted.

INDUSTRIAL COMPONENTS

Specialized & Material Specific Flanges

Advanced connection interfaces optimized for corrosive chemical environments, high-temperature transitions, and severe service alloy matching.



Material-Specific Design

Selecting the correct metallurgical composition is critical to prevent galvanic corrosion, stress cracking, and localized erosion in high-velocity piping.

- **Alloy Integrity:** Premium Hastelloy, Inconel, Duplex, and Super Duplex structures engineered to survive aggressive chemical exposure and severe temperature cycling.

SPECIALIZED & CORROSION CLASSIFICATIONS

LAP JOINT

Two-component setup utilizing a stub end welded to the pipe with a loose backing flange; allows easy bolt hole alignment during assembly.

NIPOFLANGE

Monolithic combination of a welding neck flange and an outlet branch, designed for clean 90-degree high-pressure structural runs.

WELDING OUTLET

Branch connection design engineered to provide robust mechanical reinforcement to the run pipe wall under heavy cyclic loading.

SPECTACLE BLIND

Dual-ring safety device offering active line isolation by rotating between an open spacer and a solid blanking disk during system maintenance.

CORROSION RESIST

Specialized alloy clad or solid polymer-lined bodies engineered for continuous exposure to highly concentrated acids and aggressive media.

INDUSTRIAL COMPONENTS

Modular & Specialty Flange Systems

Custom-engineered connection segments and heavy-duty interface options designed to simplify maintenance, measure system flow, and survive acidic fluids.



Modular Pipelines

Modern piping networks rely on specialized mechanical adapters and lining profiles to execute quick maintenance interventions and safe chemical processing.

- **Pipeline Adaptability:** Specially fabricated geometric setups preserve pressure boundaries even during high-pressure fluid transitions.

SPECIALIZED & MODULAR CLASSIFICATIONS

SPLIT FLANGE

Two-piece modular rings that bolt around existing pipelines without needing to dismantle the network.

CAST FLANGES

Formed by casting molten iron or steel into molds for complex, cost-effective structural geometries.

ORIFICE ASSEMBLY

Precision metering holes outfitted to facilitate inline pressure drop and real-time flow-rate tracking.

PTFE LINED

Chemical-resistant fluoropolymer liners fitted to safely transport highly corrosive process fluids.

FLANGE CONNECTOR

Generic hardware elements serving as robust full union couplings for high-pressure system lines.

INDUSTRIAL COMPONENTS

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Complete closure of piping ends or vessels; engineered to absorb high bending stress from internal system pressure.

SOCKET WELD

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THREADED

Non-welded connection using internal threads; ideal for highly explosive environments where hot work is restricted.

INDUSTRIAL COMPONENTS

Specialized Flange Configurations

Custom engineered connection configurations and historical nomenclature for non-standard, high-pressure, and transition piping systems.



Advanced Piping Integration

Modern industrial pipe networks rely on specialized adapter flanges to execute rapid size transformations, secure high-pressure vessel integration, and maintain legacy standard thread interfaces.

- **Adaptability:** Specially fabricated profiles ensure pressure-tight seals even in highly space-constrained layout topologies.

SPECIALIZED & SHORTHAND CLASSIFICATIONS

SCREWED

Traditional alternative term for standard threaded flanges utilized primarily in non-critical, lower-pressure pipeline connections.

REDUCING

Transition connection sizes cleanly between two disparate pipe diameters without the requirement of separate inline reducers.

LONG WELD NECK

Heavy-duty variations utilizing an extended hub that serves as a direct, nozzle-like connection for high-pressure industrial vessels.

SO FLANGE

Common shorthand manufacturing and engineering designation used for standard Slip-On style industrial flanges.

ROUND FLANGE

Circular profile design geometrically optimized for highly uniform, equalized distribution of perimeter bolting pre-stress.

INDUSTRIAL COMPONENTS

Flange Standards & Rating Metrics

Technical breakdown of global standardization frameworks, pressure-temperature ratings, and compliance metrics for industrial piping networks.



Pressure Class Rating

Standardized pressure classes define the maximum allowable working pressure of a piping system. These metrics vary across shifting operating temperature profiles.

- **Integrity Bounds:** A higher nominal class rating guarantees robust wall thickness and secure bolting patterns built to prevent hazardous joint leakage.

CRITICAL STANDARDIZATION METRICS

ASME B16.5

Global Standard covering pipe flanges and flanged fittings from NPS 1/2 through NPS 24 metric/inch sizes.

ASME B16.47

Large Diameter connections spanning NPS 26 through NPS 60, split into Series A (MSS SP-44) and Series B (API 605).

PN RATING

Nominal Pressure classification under European EN 1092 standards, indicating pressure capacity measured in bar.

MSS SP-44

Steel Line Flanges designed primarily for pipeline service, establishing baseline dimensional limits for high-yield applications.

API 6A

Wellhead Equipment specifications governing high-pressure, extreme-service systems up to 20,000 psi operating limits.

PRODUCTS & SERVICES

Crusher Spares & Parts

We supply high-durability components and critical spares for various crusher systems to optimize efficiency and minimize downtime.



Heavy-Duty Performance

Our crusher spares are manufactured to strict industrial standards, offering superior resistance against wear, impact, and abrasion in high-capacity quarry and mining environments.

- **Compatibility:** Engineered to fit major crusher brands and models seamlessly.

CRITICAL SPARES & COMPONENT RANGE

WEAR PARTS

High-wear items including jaw plates, cone liners, blow bars, hammers, mantles, and concaves.

SPARE PARTS

Precision internals such as bearings, heavy-duty gears, hydraulic pumps, and drive motors.

SCREENING

Sizing solutions comprising premium screen meshes, wire screens, and tension rails.

CONVEYORS

Material transport components featuring conveyor belts, rollers, and complete drive systems.

SERVICES

Field support offering professional on-site inspection, part installation, and full equipment audits.

PRODUCTS & SERVICES

Anti-Clogging Screen Solutions

High-performance self-cleaning screening meshes engineered to maximize open area, eliminate blinding, and boost aggregate throughput.



Poly Ripple

Aperture: 1.8 to 60 mm

- Higher open screening area than standard woven wire.
- Extremely active design significantly boosts throughput.
- Eliminates pegging and blinding for continuous operation.



Poly Veno Harp

Aperture: 3 to 100 mm

- Proven to last up to 3 times longer than standard wire cloth.
- Resolves severe wear issues under high TPH loads.
- Optimizes flow and increases production efficiency.



Poly Waw Harp

Aperture: 2 to 20 mm

- Excellent durability and wear resistance in critical zones.
- Exceptionally flat screening deck ensures precise sizing.
- Effective self-cleaning action for damp and sticky ores.



Poly Piano

Aperture: 0.8 to 10 mm

- Highly effective for screening manufactured dry sand.
- Dramatically reduces blinding on ultra-fine products.
- Perfect for RAP asphalt aggregates and fine classification.

PRODUCTS & SERVICES

High-Performance Screening Media

Engineered to maximize screening efficiency, eliminate blinding, and deliver exceptional wear life under demanding conditions.



Anti-Clogging Screen

Modular Design

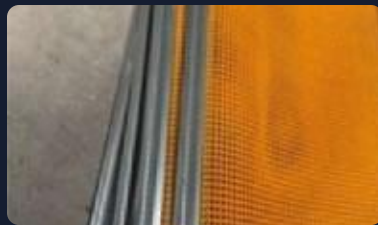
- High open area design for superior screening efficiency.
- Flexible wire movement enhances stratification.
- Greatly reduced downtime and lower maintenance costs.



Polyurethane Mat

Dip-Dop Technology

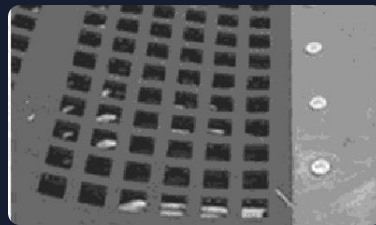
- Highly anti-abrasive with great elastic properties.
- Performs at its utmost under dry or humid conditions.
- Low obstruction due to conic perforations.



PU Coated Wiremesh

90 Shore A Hardness

- Steel wire mesh coated with abrasion resistant PU.
- Improved efficiency with much longer durability.
- Minimizes maintenance costs. Apertures from 2mm.



Rubber Tension Screen

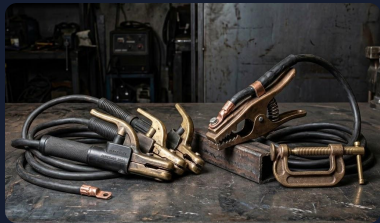
Anti-Blinding Deck

- Excellent stability and minimized pegging.
- Significantly reduces noise compared to wire mesh.
- Long service life under harsh, wet conditions.

SENOR® WELDING ACCESSORIES

Industrial-Grade Spares & Consumables

Engineered for extreme durability, precision gas control, and reliable performance across heavy-duty welding applications.



Arc Accessories

Holders & Clamps

- High-conductivity copper alloy construction.
- Heavy-duty insulated spring jaw mechanisms.
- Optimal heat dissipation for prolonged high-amp use.



Gas Regulators

Flowmeters & Valves

- Precision flow control gauges for Argon & CO₂.
- Multi-stage pressure reduction for consistent delivery.
- Highly durable forged brass body design.



Welding Torches

Heating & Cutting

- Ergonomic hand torches for MIG, TIG, and Oxy-Fuel.
- High-temperature gas nozzles & mixing chambers.
- Exceptional backfire resistance during heavy cutting.



Precision Spares

Consumable Parts

- Long-life copper alloy contact tips and gas nozzles.
- Consistent thread spec geometry for tight fitment.
- Minimizes spatter adhesion and downtime.

SENOR® WELDING & BRAZING

Premium Welding & Brazing Consumables

High-performance lineup designed for rigorous industrial fabrication, hard facing, and repair & maintenance.



MIG (GMAW / SAW)

Spooled Wires

- **Precision Wound:** Layer-wound spools to ensure smooth feeding.
- **Standard Spools:** Available in 12.5 kg standard industrial options.
- **Applications:** Ideal for structural fabrication and robotic systems.



TIG (GTAW)

Filler Rods

- **Heavy-Duty Tubes:** Packaged in protective tubes/boxes.
- **Standard Lengths:** Available in 500mm and 1000mm options.
- **High Purity:** Clean weld deposits for exceptional joint integrity.



SMAW (Stick)

Stick Electrodes

- **Moisture Proof:** Delivered in hermetically sealed boxes.
- **Engineered Coating:** Designed for rapid and easy slag detachability.
- **Arc Stability:** Outstanding arc stability across base metals.



Metallurgy

Materials Supported

- **Steel & SS:** High corrosion resistance with ferrite control.
- **Copper Alloys:** Silicon and Aluminum Bronze formulations.
- **Specialty:** Aluminum and Nickel alloys for extreme stresses.

SENOR® WELDING ACCESSORIES

Professional Arc Welding Accessories

High-performance hardware designed for optimal electrical conductivity, maximum user safety, and extreme durability in harsh environments.



Heavy-Duty Hardware

Holders, Clamps & Jointing

- **Electrode Holders:** Insulated glass-fiber jaws for manual stick SMAW up to 600A. [cite: 26]
- **Ground Clamps:** High-clamping copper contacts ensuring a stable arc. [cite: 26]
- **Connectors:** Quick-lock brass pins with heat-resistant rubber boots. [cite: 26]



Supporting Equipment

Shop Utility & Fittings

- **Shop-Floor Gear:** Auxiliary welding equipment designed to maximize efficiency. [cite: 26]
- **Hose Fittings:** Precision-machined leak-proof brass lines for stable gas delivery. [cite: 26]
- **Utility Built:** Engineered to prevent pressure loss and handle rough shop handling. [cite: 26]



Moisture Control

Electrode Ovens

- **Specialized Ovens:** Designed to bake and store stick electrodes reliably. [cite: 26]
- **Hydrogen Defense:** Actively prevents cracking in critical structural welds. [cite: 26]
- **Temperature Flow:** Consistent thermal profile for long-term consumable storage. [cite: 26]



Pack

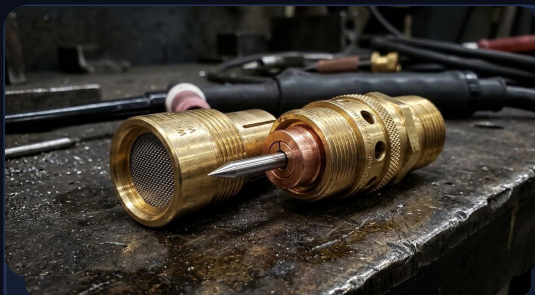
SENOR®

Job-ready commercial protective packaging. [cite: 26]

SENIOR® WELDING METALS

Precision Welding Machine Parts

High-Performance Consumables and Components for Superior Shielding & Arc Control. Engineered to keep manual torches and automated robotic cells operating at peak efficiency with precise gas distribution and minimal spatter.



TIG (GTAW)

Torch Spares & Gas Lenses

Ultra-Precise Shielding: Designed to maintain an uncompromised, laminar gas flow for critical tungsten arc operations.

Premium Materials: High-conductivity brass and copper bodies ensure rapid heat dissipation and extended service life.



MIG (GMAW)

High-Durability Consumables

Optimized Wire Delivery: Contact tips and diffusers engineered to minimize micro-arcing and ensure exceptionally smooth wire feeding.

Thermal Endurance: Built to handle heavy duty cycles and significantly reduce spatter buildup during manual setups.



Robotic MIG

Automated Production Spares

High-Tolerance Build: Precision-machined heavy-duty components designed to withstand rapid, continuous automated cycles.

Downtime Prevention: Robust mechanical fitment and superior wear-resistance to maximize robotic cell uptime.

SENOR® WELDING METALS

Precision Component Categories

Our manufacturing process ensures flawless thread precision and absolute geometric accuracy across all vital torch and machine components:



Torch Spares

Torch Replacement Parts

A comprehensive selection of robust contact tips, nozzles, and adaptors configured to fit industry-standard torch profiles.



Collet & Bodies

Collet & Collet Bodies

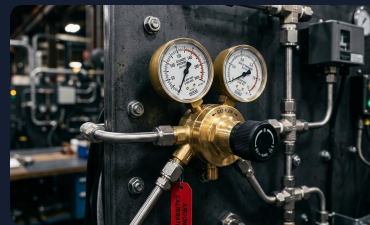
High-grip copper collets and premium bodies that ensure secure tungsten electrode positioning and optimal electrical contact.



Gas Lens

Mesh Diffusers

Advanced multi-layered mesh diffusers engineered to deliver a highly laminar gas flow, drastically reducing turbulence and atmospheric contamination.



Gas Regulators

Pressure Control

Precision pressure-control instruments and miscellaneous critical hardware designed to regulate shielding gas with pinpoint accuracy.

PRODUCTS & SERVICES

Construction Equipment Spares

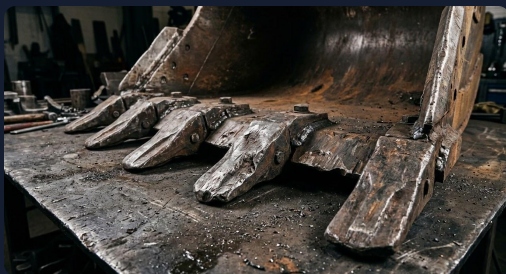
High-durability, precision-engineered replacement parts designed to keep heavy earthmoving fleets operating at peak efficiency under the most demanding conditions.



Heavy Machinery

Excavators, Loaders & Bulldozers

Robust structural and mechanical replacement parts built to withstand immense loads and harsh operating environments, preventing unplanned machinery downtime.



Wear Parts

Bucket Teeth & Cutting Edges

High-strength, impact-resistant ground engaging tools engineered to maintain superior penetration rates and dramatically extend the lifecycle of your buckets.



Maintenance Hardware

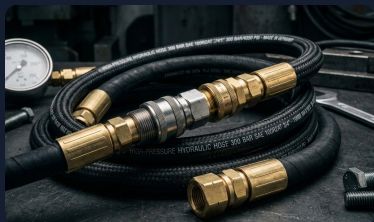
Filters, Seals, Bearings & Fasteners

Essential precision-fit consumables and vital hardware engineered to safeguard internal systems from contamination and ensure smooth rotational movement.

PRODUCTS & SERVICES

Hydraulic & Pneumatic Components

High-performance fluid power solutions engineered for maximum pressure resilience and absolute systems reliability.



Hoses & Fittings

Hose, Adaptors & Fittings

Premium high-pressure hoses and robust adaptors engineered to prevent fluid leaks and withstand extreme working pressures.



Seals & O-Rings

Sealing Solutions

Precision-engineered elastomer seals and durable O-rings designed for absolute vacuum tight performance.



Custom Assemblies

Tailored Hose Configs

Bespoke hose assembly solutions customized to your specific hydraulic flow rates and operational geometries.



Cylinders & Pumps

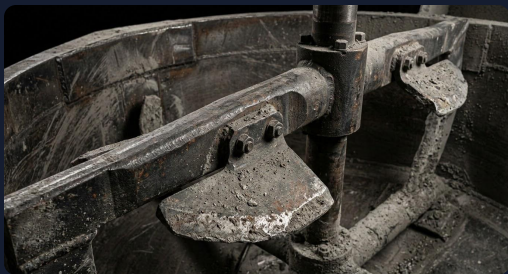
Power Components

Heavy-duty pneumatic/hydraulic cylinders and high-efficiency pumps to deliver reliable fluid power mechanical output.

PRODUCTS & SERVICES

Premium RMC Parts & Spares

Our comprehensive range of Ready Mix Concrete (RMC) plant parts is engineered to ensure maximum uptime, extreme wear resistance, and precise automation control.



Batching & Mixing

Mixers, Arms & Gate Liners

High-durability spares designed for pan mixers, twin-shaft mixers, and planetary batching units to maintain uniform concrete blending under severe operating stress.



Material Conveying

Screw Conveyors & Buckets

Heavy-duty screw conveyors, skip buckets, and high-tensile wire ropes engineered for smooth, uninterrupted aggregate and cement transport across the plant.



Plant Automation

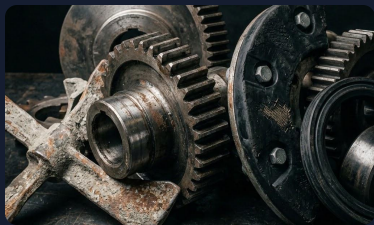
Electrical & Pneumatic Controls

Advanced PLCs, solenoids, limit switches, and load cells built to ensure precise weighing, accurate dosing, and fully automated batching cycles.

Products & Services

Heavy-Duty Component Categories

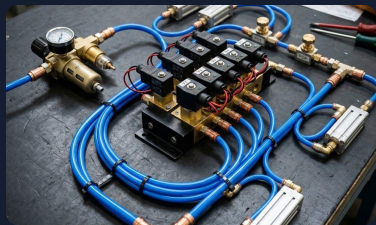
We supply a complete spectrum of reliable replacement spares and wear parts categorized for easy plant maintenance.



Mechanical Spares

Wear & Structural Spares

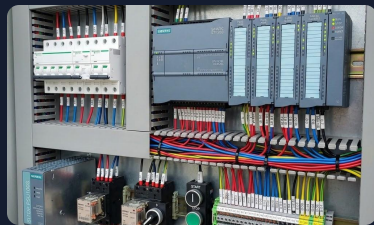
Includes highly abrasive-resistant Chute Rubbers, Pan Mixer Arms, Hanger Bearings, V-Belt Pulleys, and specialized Sicoma Mixer Spares designed to withstand constant severe physical impact.



Pneumatic & Flow

Valves & Actuators

Features heavy-duty Butterfly Valves, Two-Way Pneumatic Valves, high-end Pneumatic Cylinders, durable PU Tubes, and specialized Solenoid Valves built for rapid and precise flow control.



Electrical & PLCs

Control & Automation

High-precision PLCs, Contactors, MPCBs, Relays, Limit Switches, and Proximity Sensors configured for flawless control systems and real-time plant diagnostic feedback loops.



Transmission

Hardware & Coupling

Heavy-duty Gear Boxes, Centaflex Couplings, robust Bearings, high-capacity Load Cells, D Shackles, Stud Bolts, and industrial Seal Kits engineered to transfer rotational power reliably.

Plant Compatibility & Specifications

High Compatibility Across Global Brands

Our precision-engineered components offer direct-fit compatibility with leading international and domestic concrete batching plant brands, ensuring seamless integration and reduced downtime.



Mechanical & Mixers

Wear Protection & Mixing Spares

Engineered for heavy-duty wear protection and robust material transfer.

Compatible OEM Brands

SCHWING STETTER

GREAVES

APOLLO



Pneumatics & Controls

Fluid Power & Gate Actuation

Designed for automated fluid/gas control, immediate gate operation, and high-frequency cycles.

Compatible OEM Brands

PANTA

KYB

SANY

LINNHOF



Electrical & Automation

Precision Batch Measuring

Ensures pinpoint batch measuring, accurate diagnostics, and electrical safety protection.

Compatibility Profile

UNIVERSAL FIT

Standardized universal configurations designed to integrate seamlessly.

Premium Hot Mix Plant Parts & Spares

High-Performance Components

Our comprehensive range of Hot Mix Asphalt (HMA) plant parts is precision-engineered to withstand extreme heat, heavy abrasion, and continuous duty cycles, ensuring maximum thermal efficiency.



Drying & Combustion

Core Machinery & Thermal Support

High-durability burner components, dryer drum flights, and ignition systems engineered to maintain stable, efficient aggregate heating under continuous operation.



Mixing & Wear

Abrasion Protection Spares

Premium alloy liners, paddle arms, and tips built to endure the highly abrasive environment of twin-shaft asphalt batching mixers with minimal wear and tear.



Asphalt Fluid Handling

Valves & High-Temp Sealing

Specialized bitumen pumps, heavy-duty valves, and high-temperature sealing kits designed for reliable, leak-free liquid asphalt transfer at extreme operating temperatures.

Premium Hot Mix Plant Parts & Spares

Heavy-Duty Component Categories

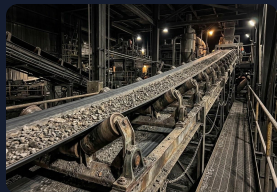
We supply a complete spectrum of reliable replacement spares categorized for seamless asphalt plant maintenance, ensuring maximum durability and minimal operational downtime.



Wear & Mechanical

Mixer & Power Transmission

High-chromium Mixer Liners, Paddle Arms & Tips, Gate Liners, Stuffing Boxes, Tapper Lock Pulleys, V-Belts, and heavy-duty Chains built to endure extreme physical abrasion and persistent mechanical stress.



Conveying & Filtration

Material Handling & Emission

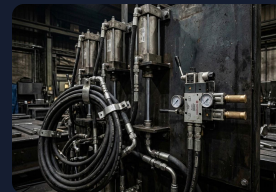
Premium Conveyor Belts, Conveyor Rollers, Head Pulleys, Conveyor Screws, Wire Mesh, and heat-resistant Filter Bag Cages & Profiles.



Combustion & Drives

Thermal Power & Propulsion

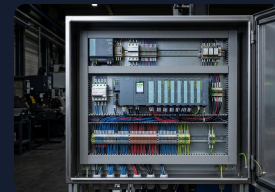
Industrial Burners, Burner Servo Motors, High-Torque Gear Boxes, Vibratory Motors, Tunnion Rollers, and Guide Rollers for optimal kiln operations.



Pneumatics & Hydraulics

Fluid Power & Gate Actuation

Twin Shaft Cylinders, Solenoid Valves, Butterfly Valves, Cylinder Seal Kits, and high-pressure Hydraulic Hoses & Fittings engineered for high-frequency automated heavy-duty operational cycles.



Automation & Electrical

Instrumentation & System Control

Advanced PLCs, VFDs (Variable Frequency Drives), Contactors, Temperature Controllers, Thermocouples, Ignition Transformers, Load Cells, Cables, and limit switches for precise plant control.

OEM Brand Compatibility & Applications

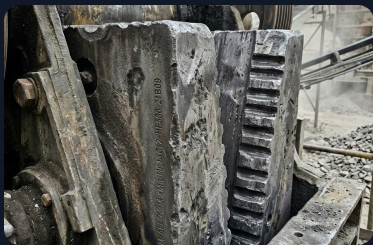
Our components are precision-manufactured to offer seamless, direct-fit compatibility with major international and domestic asphalt batching plant brands, guaranteeing maximum durability under extreme operational conditions.

Component Group	Primary Application	Compatible OEM Plant Brands
Mechanical & Thermal Spares	Engineered for extreme heat and abrasion wear resistance across the entire mixing tower system.	LINNHOFF
Combustion & Electricals	Designed for pinpoint heat management, reliable burner ignition, and automated control logic.	AMMAN APPOLLO
Fluid & Flow Dynamics	Optimized for secure bitumen handling, fluid transfer, and high-frequency pneumatic gate scaling.	MARANI

Premium Crusher Plants Parts & Spares

Heavy-Duty Wear Parts & Components

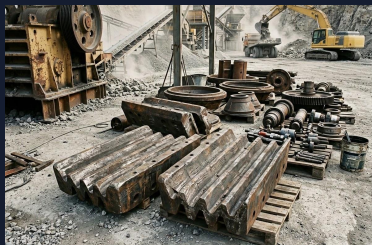
Engineered to withstand extreme impact, severe abrasion, and high-stress rock crushing operations. Our premium-grade alloys ensure optimal particle reduction and maximum plant performance.



Premium Alloys

Material Science

Formulated from high-manganese and chrome steel for maximum operational lifetime.



Jaw Crushers

Primary Stage

High-strength wear liners, toggles, and tension fasteners built to handle primary compression crushing of tough rock and ore.



Cone Crushers

Secondary Stage

Precision-machined mantles, concaves, and internal bushings engineered for secondary and tertiary reduction with maximum throughput.



VSI & HSI

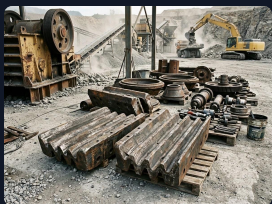
Impactors

Advanced rotor assemblies, anvil spares, and heavy-duty blow bars designed to maximize kinetic rock-on-rock or rock-on-anvil impact.

Premium Crusher Plants Parts & Spares

Heavy-Duty Component Categories

We supply a complete spectrum of reliable replacement spares categorized for seamless aggregate and mining plant maintenance.

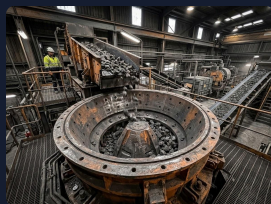


Jaw Crushers

Primary Stage

Manganese Jaw Plates
& Clamping Blocks

Toggle Plates, Seats &
Side Plates



Cone Crushers

Secondary Stage

Concave & Mantle
sets, Torch Rings

Main Shafts, Check
Nuts, Thrust Rings

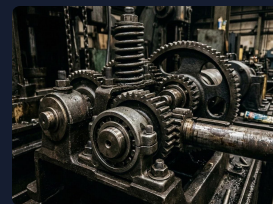


VSI & Impactors

Impact Stage

Rotor Assemblies &
Blow Bars

Backing Compounds &
VSI Spares



Transmission

Power & Hardware

Gear Boxes, Bearings,
Springs, Belts

Seals, O-Rings,
Plumber Blocks,
Fasteners



Handling

Screening & Flow

Conveyor Belts, Rollers
& Frames

Wire & PU Mesh,
Hydraulic Filters

OEM Brand Compatibility & Applications

Our components are precision-manufactured to offer seamless, direct-fit compatibility with major international and domestic mining and aggregate crushing brands, guaranteeing maximum durability under extreme operational conditions.

Component Group	Primary Application	Compatible OEM Plant Brands
Primary & Secondary Wear Spares	Extreme impact and high-abrasion compression.	PUZZOLANA
Internal Machinery & Drives	Precise rotational power and stabilization.	SANDVIK
Material Screening & Logistics	Clean aggregate separation and continuous transport.	Standardized universal sizes for all major crushing setups.

Cooling Tower Water Treatment Chemicals

High-performance formulations engineered to control scaling, corrosion, biological growth, and clean heat exchangers.

S.NO	PRODUCT NAME	APPLICATION	DESCRIPTION	PACK SIZE
01	Cooling Tower Scale Inhibitor	Cooling Tower	All-organic scale & deposit control	25 kg Can
02	Oxidizing Biocide	Cooling Tower	Controls algae, fungi & bacteria	25 kg Can
03	Non-Oxidizing Biocide	Cooling Tower	Microbial growth control	25 kg Can
04	Broad Spectrum Biocide	Cooling Tower	Biofilm & slime control	25 kg Can
05	Corrosion Inhibitor	Chiller Water	Nitrite-based protection	25 kg Can
06	Multi-Metal Corrosion Inhibitor	Chiller Water	Protects MS, Copper & Aluminum	25 kg Can
07	Chiller Biocide	Chiller Water	Controls bacteria & fungi	25 kg Can
08	Non-Oxidizing Chiller Biocide	Chiller Water	Safe for sensitive systems	25 kg Can
09	Neutralizer	Cleaning Chemicals	Neutralizes acidic cleaning solutions	25 kg Can
10	CIP Cleaner	Cleaning Chemicals	Heat exchanger & chiller cleaner	25 kg Can

INDUSTRIAL WATER TREATMENT

Boiler Water Treatment Chemicals

Specialized formulations engineered to prevent scaling, control alkalinity, remove dissolved oxygen, and protect boiler systems from corrosion.

S.NO	PRODUCT NAME	APPLICATION	DESCRIPTION	PACK SIZE
11	Boiler Alkalinity Builder	Boiler Water	pH booster & corrosion prevention	25 kg Can
12	Oxygen Scavenger	Boiler Water	Removes dissolved oxygen	25 kg Can
13	Sludge Conditioner	Boiler Water	Controls sludge deposition	25 kg Can
14	Single Drum Boiler Treatment	Boiler Water	Multi-functional boiler treatment	25 kg Can

INDUSTRIAL WATER TREATMENT

ETP / STP Chemicals

High-efficiency biological boosters, coagulants, and flocculants engineered to optimize wastewater treatment, sludge settling, and dewatering processes.

S.NO	PRODUCT NAME	APPLICATION	DESCRIPTION	PACK SIZE
15	Bio-Enhancer	ETP/STP	Improves dissolved oxygen & MLSS activity	25 kg Can
16	Anionic Polyacrylamide	ETP/STP	Clarification & sludge settling	25 kg Bag
17	Cationic Polyacrylamide	Sludge Dewatering	High-performance dewatering polymer	25 kg Bag
18	Polyaluminium Chloride	ETP/STP	Primary coagulant	25 kg Bag
19	Defoamer	ETP/STP	Foam suppression	25 kg Can
20	Decolorizing Chemical	Textile ETP	Color reduction	25 kg Can

INDUSTRIAL WATER TREATMENT

RO Chemicals

High-performance formulations engineered for reverse osmosis systems to prevent scaling, control biological activity, and protect membranes.

S.NO	PRODUCT NAME	APPLICATION	DESCRIPTION	PACK SIZE
21	RO Antiscalant	BWRO / SWRO	Prevents scale formation on membrane surfaces	25 kg Can
22	Membrane Cleaner (Alkaline)	RO Systems	Organic fouling and bio-growth removal	25 kg Can
23	Membrane Cleaner (Acidic)	RO Systems	Inorganic scale and metal hydroxide removal	25 kg Can
24	RO Biocide	RO Systems	Biological control and bio-fouling prevention	25 kg Can
25	Membrane Preservative	RO Systems	Membrane storage protection during offline periods	25 kg Can
26	Antiscalant (Desalination)	RO Desalination	High-efficiency scale prevention for brackish water	25 kg Can
27	Antiscalant (High Recovery)	RO Desalination	Specifically formulated for high recovery systems	25 kg Can
28	Antiscalant (Seawater)	RO Desalination	Scale inhibition for seawater applications	25 kg Can
29	Regeneration Salt	Softener Plant	High-purity sodium chloride for resin regeneration	25 kg Bag

WATER TREATMENT SPECIALTIES

Swimming Pool Chemicals

Premium-grade formulations designed to ensure water safety, maintain perfect pH balance, prevent algae growth, and deliver crystal-clear clarity for recreational water systems.

S.NO	PRODUCT NAME	APPLICATION	RECOMMENDED USE	PACK SIZE
30	Alum Gel	Swimming Pool	Coagulant for water clarification and turbidity removal	25 kg Can
31	Aluminium Sulphate	Swimming Pool	Flocculant to precipitate suspended organic matter	25 kg Bag
32	Chlorine Powder	Swimming Pool	Primary disinfectant for rapid sanitization and shock dosing	25 kg Bag
33	Copper Sulphate	Swimming Pool	Highly effective algaecide to control and prevent algae growth	25 kg Bag
34	Sodium Hypochlorite 10-12%	Swimming Pool	Liquid chlorine sanitizer for continuous automated dosing	20 kg Can
35	Calcium Hypochlorite 70%	Swimming Pool	High-strength granular chlorine for sanitization & disinfection	40/45 kg Drum
36	TCCA 90% Tablets	Swimming Pool	Slow-dissolving chlorine tablets for skimmers and floaters	5-50 kg Drum
37	TCCA 90% Granules	Swimming Pool	Highly concentrated stabilized chlorine granules	25/50 kg Drum
38	Boroxo Salt Tablets	Swimming Pool	Water softening and stabilization for mineral pool systems	25 kg Bag
39	Pool Water Test Kits	Swimming Pool	Accurate monitoring of pH, free chlorine, and stabilizer levels	Kit

Concrete Admixtures & Performance Coatings

High-performance superplasticizers, specialized structural repair mortars, protective floor coatings, and advanced waterproofing compounds engineered for modern engineering demands.

S.NO	PRODUCT NAME	APPLICATION	DESCRIPTION & RECOMMENDED USE	PACK SIZE
40	Super Plasticizer	Concrete Admixture	High-range water reducer for high-strength, flowing concrete	25 kg Can
41	Water Reducer	Concrete Admixture	Improves workability and compressive strength of concrete mixes	25 kg Can
42	Waterproofing Compound	Waterproofing	Integral liquid waterproofing system for concrete and mortar	20 kg Can
43	Crystalline Waterproofing	Waterproofing	Deeply penetrating crystalline system to seal pores and capillaries	25 kg Bag
44	Epoxy Flooring	Industrial Flooring	High-durability seamless protective epoxy floor coating system	15 kg Kit
45	PU Flooring	Industrial Flooring	Flexible and impact-resistant polyurethane industrial floor finish	20 kg Kit
46	Repair Mortar	Structural Repair	Polymer-modified fiber-reinforced structural restoration mortar	25 kg Bag
47	Non-Shrink Grout	Structural Grouting	High-strength non-shrink cementitious grout for machinery bases	25 kg Bag
48	Bonding Agent	Structural Repair	SBR/Epoxy bonding agent for new to old concrete interfaces	20 kg Can

Oilfield Chemicals & Drilling Fluids

High-performance mud additives, fluid loss control polymers, and specialized inhibitors engineered for stable wellbore operations and enhanced recovery.

S.NO	PRODUCT NAME	APPLICATION	DESCRIPTION & KEY ROLE	PACK SIZE
49	Bentonite - Based	Drilling Mud	Premium gelling agent for viscosity and hole cleaning	25 kg Bag
50	PAC-LV - Based	Filtration Control	Low-viscosity polyanionic cellulose for water-based muds	25 kg Bag
51	PAC-HV - Based	Viscosifier	High-viscosity polymer for fluid loss control and carrying capacity	25 kg Bag
52	CMC - Based	Rheology Modifier	Carboxymethyl cellulose for excellent filtration reduction	25 kg Bag
53	Xanthan Gum - Based	Mud Rheology	Provides outstanding low-shear rate viscosity and suspension	25 kg Bag
54	PHPA - Based	Shale Stabilizer	Partially hydrolyzed polyacrylamide for wellbore encapsulation	25 kg Bag
55	KCl Mud Additive- Based	Inhibitive Mud	Potassium source for swelling shale prevention	50 kg Bag
56	Corrosion Inhibitor - Based	Asset Protection	Protects drill string and casing from dissolved gas corrosion	200 L Drum
57	Scale Inhibitor - Based	Flow Assurance	Prevents carbonate and sulfate deposition in tubing	200 L Drum
58	Demulsifier - Based	Crude Treatment	Separates emulsion into clean crude and wastewater phases	200 L Drum
59	Paraffin Inhibitor - Based	Flow Assurance	Prevents wax deposition and maintains optimal fluid flow	200 L Drum

Location & Contact



Our Office

Near MODREN BAKERY REX ROAD,
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MUSCAT, SULTANATE OF OMAN

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