The 19th INTERNATIONAL EXHIBITION OF

METAFO

STEELEXPONOFEREXPOTHERMEXPOMINEXPO



Organized by:





Tehran International Permanent Fairground







EXHIBITION



30Nov - 3Dec, 2022

YOU WILL FIND THE MOST FAMOUS AND WELL-KNOWN BRANDS WITH PARTICIPATING IN THE 19" IRAN METAFO EXHIBITION





Iran Metafo Exhibition

Executive Report of Previous IRAN METAFO Exhibitions









Total Exhibitors

No. of Participant Countries

Total Space (m²) net

year











310

10

15592.5

2021



















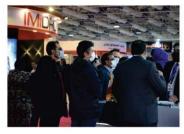














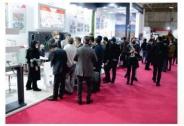














Media sponsor:















Casting

Metal foundry
 Melting
 Concentrate melting
 Melt and refining slag
 Ingoting
 Ingot casting
 Billet casting and slab casting
 Scraps
 Returns
 Found
 Parts casting
 Heavy parts casting

Mitis casting (gray cast iron and ductile iron)

Addition agents and additive casting

Carbonization material, mould paints, cleaning materials

Non ferous casting (Aluminum, copper, brass, nickel, chrome,lead,zamak, zinc,bronze,tin, magnesium)
Low pressure casting
In vacuo casting
Centrifugal casting
Squeeze casting
Permanent mould casting

Fittings and pipe casting

Ferro alloy

Shell casting
Sand casting
Expandable pattern casting
Plaster mould casting

Die casting

Wax pattern casting

Casting equipment

Equipment of metal casting
 Type of dandy, pouring and holding
 Moulding equipment, slinger and mixers















































Stoppers and special tips Coating component for ladle Kettles Convertors Manganese steel Outgassing and homogenization Stopper ladle Type of silicones and melt duff All kind of chemistry, mechanical and metallography laboratory's equipment Simulation and designing software Special coating for Arc furnace and induction furnace Weld brazing Weld brazing equipment Soldering with flux grain

 Equipment and mineral material for non-ferrous casting Graphite crucible and silicon carbide Automatic outgassing machine Equipment for melt Quality control Immersion thermocouple Die cast Injection plunger and cylinder system Die cast molds Holding furnace and dandy Armature outgassing Inclusion and outgassing pipes Tube riser and tube radian All kind of mold lubricant Magnetic separator Recycling the sand's casting Bonkers and hoppers (machines)

 Casting equipment Mold and core adhesive Nucleation Mold dryer Filter for liquid metal Cooling sands Solid Concrete sands Prefabricated sands
Cooling belt
Equipment for cast inspection
Parts and material test
Simulation and modeling process control
Control equipment and automation
Ventilation and purging technology

 Storage and transportation Industrial robots Industrial truck Crane and tackle and trucks and conveyer Transportation and pallets and shelfs

Forging (cold forge and hot forge)
 Closed die forging
 Designing forging mold
 Weld and cut

 Weld and cut equipment CNC cutters Argon cutter and oxygen Cutoff die, all kind of fractions Cutting and welding

Hobbing
Die-casting mold, forge mold
and exstrogen mold
Bulging die, blow mold, chill mold,
core mold
Plastic mold, bacalit molds
and rolling mold
Deigning and fixing the defects
of permanent molds
Bending and pressing
Vacuum and material injection exhausters
Turning and jig boring

Machining
 Modeling and optimization of machining milling, wire cut, chipping Drilling and machining

METAFO

2022







Plating Plating and polishing and anodizing Metal plating (Nicol, chrome, copper, zinc, cadmium silver and gold and platinum group) Plating of conductors (wood, glass, cloth, plastic material) Coating Spray coloring system





 Thermal processing equipment Safety and industrial ergonomic Safety cloths Body safety Warnings Safety equipment Fining equipment Extraction equipment and systems Control and measurement engineering Safety engineering

 Shaped refractories (Bricks and Functional Products) Caolinite, Sylvanite, High Alumina, Silica Refractories. Graphite, Chromite Bricks, Carbon-Silica, Chamottes, Magnesite Refractories, Fire Clay (Acid-Null-Alkali)

 Unshaped Refractories (Castables, Mixes, Mortars) and Mastics, Monolithics, Sprays, Clays, Adhesives, Granulate compounds, Shotcrretes, Sylvanite, Refractory Concretes, Fused Cast) Caolinite. High Alumina, Silica, Chromite, Magnesite, Dolomite, Bauxite, Chromite-Magnesite, Charbon-Magnesite, Zirconium, AL2O3, SIO2, etc.

Raw Materials

Bauxite and Alumina, Powder Calcination, Pigment and Phospher

Chromite

Ferro Alloys (Ferro silicon, Ferro Manganese, Ferro Silico-Manganese, Ferro Chromium, Ferro Molybdenum, Ferro Nickel) Special Refractory Castables

Insulating and Fiber Materials (Bricks and Fibers)

Insulating Refractory Raw Materials: Diatomite

Perlite Vermiculite

Industrial Ceramics

 Refractory Equipment and Components: Tundishes, Nozzles **Filtration Systems**



Kiln hood and Grate cooler. Riser duct and inlet-outlet zones components Gates (Gates of ladles) Prefabricated Components













 Minerals and mineral industry (iron ore, metal minerals Coal, foundry coke, ores, ferrous and nonferrous-minerals)

Consulting services

Geo technic (Laboratory test specimens, outdoor tests, geology services, designing, improvement and Strengthening of the ground, ventilation designing, drilling designing without trench, Surface drilling design and open trenches, designing subterraneous structure, designing instrumentation system Management and project control, safety advice, Environmental Health, electronic engineering and Telecommunications, civil engineering, Earthquake engineering and geophysics services, study strategy and mechanic engineering, topography and GIS)

Exploration (telemetry, statistics, feasibility study, Reserve evaluation,

site study)

 Mine planning (technical services in mines, Operation and processing, purchase Equipment and machines, and mine designing: on the ground and under the ground, Maintenance design)

 Economics and Management (mine economic, mine marketing and business, investment, management and project control)

Equipment and machinery

 Equipment (Cutters: drills, saws... pumps and Compressor, Material handling equipment, drilling equipment, fans, Mineral Supplies, underground spaces lighting equipment, Industrial safety equipment and hygiene)

 Heavy machinery (Scrappers, Bulldozers, Mechanical excavator, Crushers, Hydraulic hammer, loader, Mining machine and mini loader)
 Processing the canes (mills, Gravity separators, floatation,

magnetic separators, stone Crusher, Conveyor)

Contractor services

Tunneling, well digging, Material transportation, Drilling services, technical services (ventilation, lightning, watering) topography services, compressed air services, processing designing and Optimization

Projects and investments Mining projects (exploration, extraction and

exploitation)

Steel industries projects
Copper industry projects
Aluminium industry projects
Lead and zinc industry projects
Other metal projects

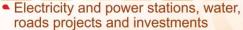












Complete and development projects











2022









Steel Making Technology

 EPC (Engineering, Procurement, Construction) Steel Showcase

■ Iron and Steel Mills (Long, Flat and Plate, Coil, Sheet, Stainless) Steel, Alloy Steel, Special Steel, Wire, Rod, Tube and Pipe, Profile, Iron Constructional Structures, Belts, Bars ,Etc)

Big steel companies category

Direct Reduced Iron and conglomerate manufacture category

 Casting and melting category (Steel ingot, Cast iron ingot, alloy steel ingot, commodity ingot, built)

 Flat section rolling category Hot plate, cold plate, Galvanized sheet, Tin-plated, colorful sheet, galvalom sheet, Acid washing, Warm Wide Sheet, Coated sheet

 Long sections rolling category Shaft, steel rod, Types of steel sections, alloy wire, Rebar, skein rebar, skein, cornerstone, spout tube, steel strap, types of cornerstone, all types of useful steel corner stone

Traders

Fabex

 Fabrication Technology (Surface Preparation and Finishing, Surface Corrosion, Grinding. Welding & Cutting, Rolling, Drawing and Extrusion, Etc)

 Equipment and Machineries (Furnaces, Crucibles, Ladles, Rollers, Burners, Grinding Balls, Bearings, Instrumentation & Meters, Heating and Hardening Machines and Equipment, Laser Machineries, Material Handling (Conveyors, Cranes, Magnets, Etc.), Lubricants, Refractories, Chemicals, Fluxes, Graphite Products, Abrasives, Polishing Materials, Gases, Seals, Flexible expansions, Robotic Machineries, Rotating and Pneumatic Machineries, Etc.)

Materials

Minerals: Iron Ore, Pellets ,Etc

 Ferro alloys: Ferro Silicon, Ferro Manganese, Ferro Chromium, Ferro Molybdenum, Ferro Carbon, Etc.

 Base Materials: Hot Briquetted Iron (HBI) Pig Iron, Shot and Grit,

Sponge Iron (DRI) ,Etc

Scrap Products

















METALEXPO NOFEREXPO

















Exploration and Mine
Melting and Acid
Copper condensing
Slag Flotation
Copper Leaching
Products: Cathode, Rod, Slab, Acid,
Molybdenum, Concentrate, Materials of ladle,
Oxygen, Slag, Billet, Etc
Machinery and Equipment
Information, Trainin



Raw Materials, Primary metal products,
Semi-finished products, Semi-fabricates,
Aluminium Products for special application, Surface Treatment
Light-metals trade and Recycling
Plant, machinery and accessories and equipment for
aluminium extraction, processing and refining
Services, consultancy, expert opinions, information
Information, Trainin



Exploration and Mine, Processing, Products Machinery and Equipment: Rectifier, Filter press, Furnace, Etc Information, Trainin

Precious Metals

Gold, Silver, Platinum, Titanium, Other precious metals

















THERMEXPO

2022











 Industrial Furnaces Electrical furnaces Gas furnaces

Torched furnaces Compartment floor and roller furnaces (depressurization,

annealing and normalization operation) of electric, gas and gas oil type High temperature compartment furnaces

Compartment-tunnel type furnaces (cyclic annealing, normalization and similar cycles

Ground heating operation furnaces with controlled atmosphere (hardening and tempering)

Automatic carburizing furnaces

Tunnel type heating operation furnaces

Heat operation chamber ovens

Special preheating & form-giving furnaces of torched type (hot operation parts)

Two-chamber furnaces (Controlled Annealing Cycles)

Continuous & chamber tunnel-type glazing and ceramic baking furnaces Medical and laboratorial ovens with enameled or stainless steel body

Laboratorial ovens up to servicing temperature degree

Induction furnaces for local hardening and pre-heating systems (hot form-giving operation)

Power control panels (specific heat cycles)

Charging and loading basket, basket and stands for different furnaces Repair of industrial furnaces (elements, torches, fire-proofs, insulators, and mechanical spare parts)

Drying oven

Set-up of different heat operation lines

Hot processes & manufacture of related equipments Heating engineering operation

Brick and special fireproof materials

Design of furnace refractory layer

Insulating and light refractory castable masses

Cement

Measurement systems control cameras of furnace and torch (heat controls)

Eco metals

























Nama Negar consists of several groups and actives in Different categories of exhibitions organizers, events, market research, management consultation, Commercial affairs and marketing, interior design and booth construction and also exhibition services

Specialized departments:

- Organizing exhibition and congress
- Special event organizing (including: seminars, educational workshops, unveiling ceremony of new products, Opening production lines...)
- Management consulting and diagnose
- Planning and implementation of Market Research Campaigns and Marketing
- Media planning
- Designing and implementation and decoration, exhibition and shop interior design
- Commercial Affairs marketing services
- Foreign trade consultancy and services

Member of:

- International Association of Exhibitions & Event (IAEE)
- Iran International Exhibition Organizer Association (IEOA)
- Iran Marketing Research Association (IMRA)
- Association of Tehran Stand Builders Managment
- Tehran Chamber of Commerce, Industries, Mines and Agriculture
- Deutsch-iranische Industrie-und Handelskammer Mark
- Iran-Italy import and export statistics (CCIM)

Our mission is to design a networking platform between manufacturers, international suppliers, traders, investors, experts, & end users to provide them with a multiple opportunity for sales and learning.

Nama Negar team has been the organizer of numerous exhibitions since 1995 including these ongoing events:

- Iran HVAC&R (Heating, Ventilation, Air Conditioning and Refrigerating)
- -Iran Metafo (Steel, Mineral Industries, Casting, Non-Ferrous Metals Industry, Refractories,
- Midex (Modern House, Interior Design, Architecture)

We honor to host you in these events and provide you with a full comprehensive exhibition services such as:

Market research, Survey, Traveling services, Hotel reservation, Booth Construction, Designing, Website design, Advertising and Printing, Holding seminars & trading workshops, Supplying human resource (translator, reception), Photography and Lightning.

Think globally with Nama Negar

Thinking Consciously Targeted Research Efficiently Production Powerful Attendance





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