



# PT. MAKMUR META GRAHA DINAMIKA

## COMPANY PROFILE



International  
Organization for  
Standardization

ISO 9001  
**BUREAU VERITAS**  
Certification



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## Message From The President Director

Dear Valued Partners,

First of all I would like to thank you for giving me this opportunity to greet you. I hope I can give you complete information about **WHAT MMGD** is, **WHY MMGD** is the right partner for you and **HOW MMGD** is the right solution for your Metallurgical and Heat Containment needs.

I would like to use this opportunity to underline once again our commitment to grow together with you and to keep raising the bar for our standards. Together we are committed to facing the challenges of the future alongside you, and to embrace every opportunity to improve our service to you

Finally I wish to extend big thank you to all of you, our valued partners, for making MMGD what it is today. It is our goal to be the best in our field of expertise, and your support has been essential in our efforts to achieve just that. May we keep on growing side by side towards a golden future together.

Best Regards,  
**Hardi Sasmita**  
President Director

# What is MMGD

## **Vision:**

**PT Makmur Meta Graha Dinamika as the leading total solution company in Indonesia for Metallurgical products and put customer satisfaction as the first priority**

## **Mission:**

1. Improving the quality of human resources and develop professionalism work ethic
2. Providing best service to all our customers as mutual beneficial business partners
3. Creating good relationship with all stakeholders to uphold ethical values in business
4. Improving effectiveness and efficiency using an integrated logistic management system with updating information technology
5. Running all the provisions and regulations in both national and international scale



# What is MMGD

## 4

Reasons MMGD is the preferred supplier in the metallurgical heat containment industry:

### 1. **QUALITY OF PRODUCTS AND SERVICE**

Our high quality products are always accompanied by expert technical support. In line with our commitment and concern towards bettering our product development and technology, we improve our people's knowledge by sending them to overseas manufacturers for technical training. In addition, we have a laboratory facility onsite to ensure the quality of the products.

### 2. **RELIABLE CONTINUOUS SUPPLY**

We keep a continuous supply of our products by implementing good inventory management control in our warehouses.

### 3. **ON TIME DELIVERY**

By operating several warehouses which are located in strategic locations as well as our own delivery fleet, we believe we can give "On-Time Delivery" services to our customer.

### 4. **PROFESSIONAL TECHNICAL SUPPORT AND ASSISTANCE**

We are creative and enthusiastic people with world wide experiences in the industrial engineering field. We provide technical support services for the professional



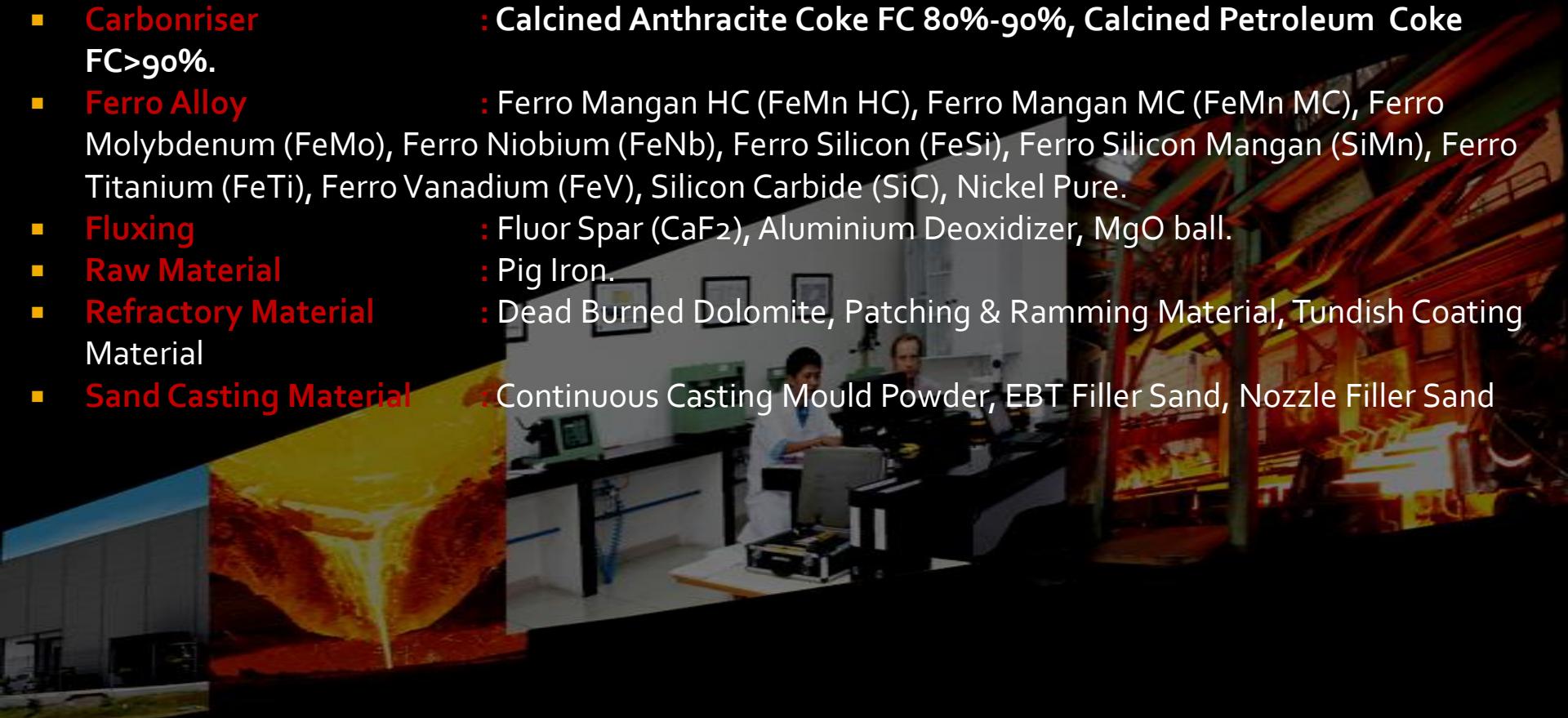
Our strength have positioned MMGD as the best partner of choice for many leading domestic and international customers from a wide range of industries. Industries we have serviced include but are not limited to :

<b>Aluminum</b>	<b>Concrete</b>	<b>State Owned Enterprises</b>
<b>Automotive</b>	<b>Jewelry</b>	<b>Petrochemical</b>
<b>Cement</b>	<b>Mining</b>	<b>Power Plant</b>
<b>Ceramic</b>	<b>Steel Mill</b>	

# Our Products:

## 1. Steel Mill

- **Carbonriser** : Calcined Anthracite Coke FC 80%-90%, Calcined Petroleum Coke FC>90%.
- **Ferro Alloy** : Ferro Mangan HC (FeMn HC), Ferro Mangan MC (FeMn MC), Ferro Molybdenum (FeMo), Ferro Niobium (FeNb), Ferro Silicon (FeSi), Ferro Silicon Mangan (SiMn), Ferro Titanium (FeTi), Ferro Vanadium (FeV), Silicon Carbide (SiC), Nickel Pure.
- **Fluxing** : Fluor Spar (CaF<sub>2</sub>), Aluminium Deoxidizer, MgO ball.
- **Raw Material** : Pig Iron.
- **Refractory Material** : Dead Burned Dolomite, Patching & Ramming Material, Tundish Coating Material
- **Sand Casting Material** : Continuous Casting Mould Powder, EBT Filler Sand, Nozzle Filler Sand



# Our Products:

## 2. Foundry Ferrous

- **Abrasive Material** : Steel Grit & Steel Shot.
- **Carbonriser** : Carburiser Low Sulfur, Carburiser Medium Sulfur.
- **Ferro Alloy** : Ferro Chrome High Carbon (FeCr HC), Ferro Chrome Low Carbon (FeCr LC); Ferro Mangan High Carbon (FeMn HC), Ferro Mangan Medium Carbon (FeMn MC), Ferro Molybdenum (FeMo), Ferro Silicon (FeSi); Ferro Silicon Mangan (SiMn), Ferro Sulfur (FeS), Ferro Phosphor (FeP), Ferro Vanadium (FeV), Silicon Carbide (SiC), Nickel Pure.
- **Furnace Maintenance** : Slag Conditioner.
- **Molten Metal Treatment** : Calsium Silicon (CaSi), Innoculant, Noduliser (FeSiMg), Slag Remover.
- **Moulding Process Binder** : Cold Box Process (Alkali Phenolic System, Furan System, Pepset System), Green Sand Process (Bentonite, Coal Dust).
- **Moulding Process** : Coating, Core Adhesive, Ceramic Foam Filter, Exothermic Sleeve, Exothermic Powder, Graphite Amorphous Powder, Graphite Silver Powder, Moulding Sand (Chamotte, Chromite, Silica, Zircon), Release Agent, Resin Coated Sand, Sand Barrier, Zircon Flour.
- **Raw Material** : Foundry Grade Pig Iron, High Purity Iron
- **Surface Finishing** : Anti Rust.

# Our Products:

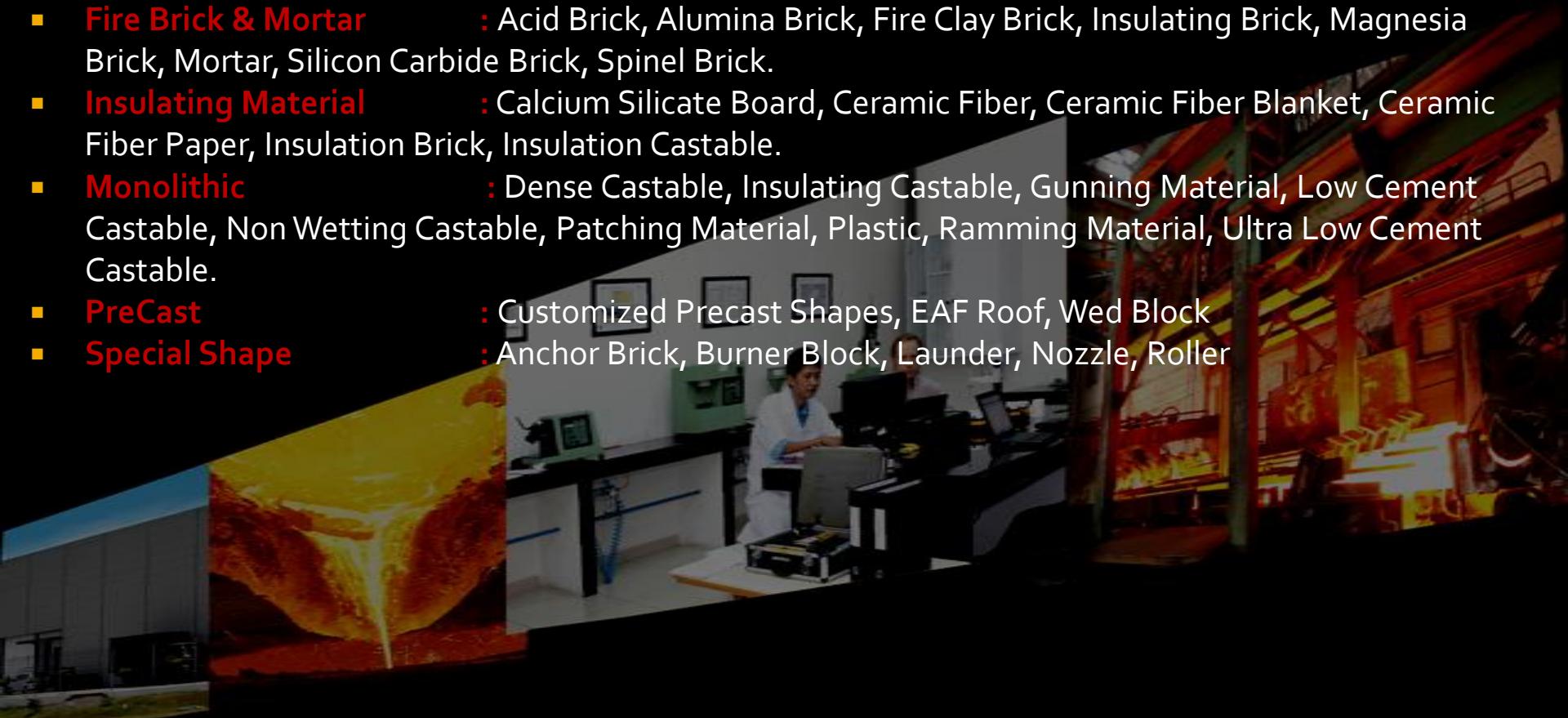
## 3. Foundry Non Ferrous

- **Abrasive Materials** : Aluminum Cut Wire, Glass Bead, Stainless Steel Cut Wire, Stainless Steel Shot, Zinc Shot.
- **Coating** : Dies Coating, Tools Coating.
- **Crucibles** : Clay Graphite, Silicon Carbide, Rotary Degasser.
- **Fluxes** : Cleaning, Cover, Skimming, Exothermic, Degasser, Grain Refiner, Modifier.
- **Lubricants** : Die Lubricants & Plunger Lubricants for Die Casting; Forging Lubricants, High Temperature Lubricant, Metal Working Fluid, Mineral Oil type Hydraulic Fluid, Water-Glycol Type Hydraulic Fluid; Vacuum Pump Oil.
- **Material** : Aluminium Alloy, Copper Alloy, Magnesium Ingot, Silicon Metal, Pure Nickel Square, Zinc Alloy, Zinc Ingot SHG.
- **Master Alloy** : Aluminium Boron (AlB), Aluminium Copper (AlCu), Aluminium Ferro (AlFe), Aluminium Magnesium (AlMg), Aluminium Silicon (AlSi), Aluminium Strontium (AlSr), Aluminium Titanium (AlTi), Aluminium Titanium Boron (AlTiB), Aluminium Zircon (AlZr).
- **Sealant** : Impragnation Sealant For Ferrous and Non-Ferrous Products.

# Our Products:

## 4. Refractories & Heat Insulation Material

- **Abrasive Material** : Grinding Media, Skid Rail Block, Wear Plate
- **Fire Brick & Mortar** : Acid Brick, Alumina Brick, Fire Clay Brick, Insulating Brick, Magnesia Brick, Mortar, Silicon Carbide Brick, Spinel Brick.
- **Insulating Material** : Calcium Silicate Board, Ceramic Fiber, Ceramic Fiber Blanket, Ceramic Fiber Paper, Insulation Brick, Insulation Castable.
- **Monolithic** : Dense Castable, Insulating Castable, Gunning Material, Low Cement Castable, Non Wetting Castable, Patching Material, Plastic, Ramming Material, Ultra Low Cement Castable.
- **PreCast** : Customized Precast Shapes, EAF Roof, Wed Block
- **Special Shape** : Anchor Brick, Burner Block, Launder, Nozzle, Roller



# Our Products:

## 5. Industrial Equipment & Instrument

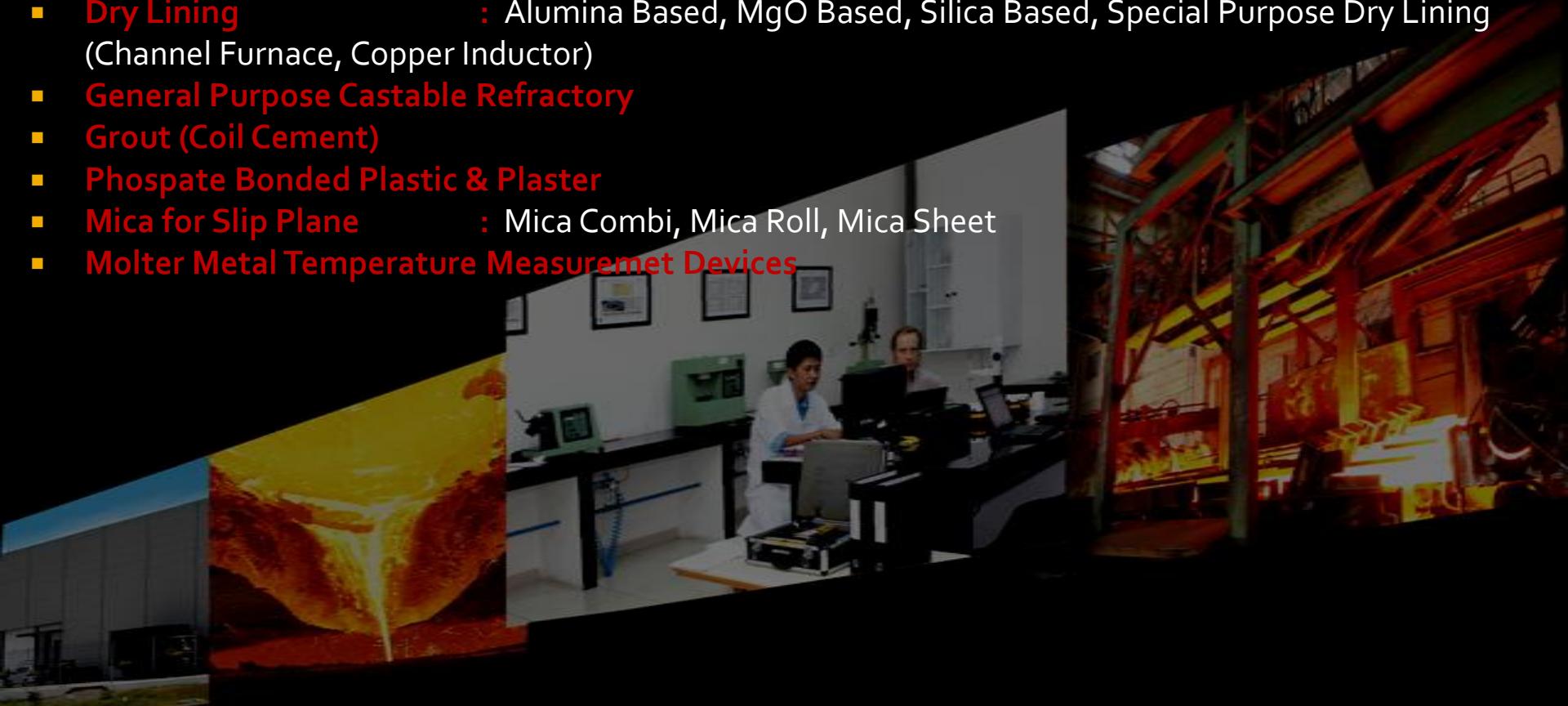
- **Aluminium Remelting** : DC & Hot Top Casting, Degassing & Filtering System, Dross Recycling, Melting & Heat Treatment Furnaces, Mechanical Handling Gear
- **Casting** : Core - Blower, Continuous Casting Machine, Die Casting Machine, Sand Moulding System (Manual & automatic), Shell Machine
- **Design** : CAD for Foundry process, Pattern Making Equipment
- **Finishing** : Blasting Machine, Fettling Machine, Grinding Machine, Plating
- **Furnace** : Heat Treatment Furnace, Induction Furnace, Ladle Furnace, Vacuum Furnace, Vacuum Ladle Furnace
- **Sand Preparation** : Dryer, Sand Mixer, Sand Plant, Reclaimer
- **Quality Control** : Sand Tester, Spectrometer, Porosity Tester



# Our Products:

## 6. Foundry Business Development

- **Ce Cup & Ce Meter**
- **Dry Lining** : Alumina Based, MgO Based, Silica Based, Special Purpose Dry Lining (Channel Furnace, Copper Inductor)
- **General Purpose Castable Refractory**
- **Grout (Coil Cement)**
- **Phosphate Bonded Plastic & Plaster**
- **Mica for Slip Plane** : Mica Combi, Mica Roll, Mica Sheet
- **Molten Metal Temperature Measurement Devices**



# Our Products:

## 7. Business Development

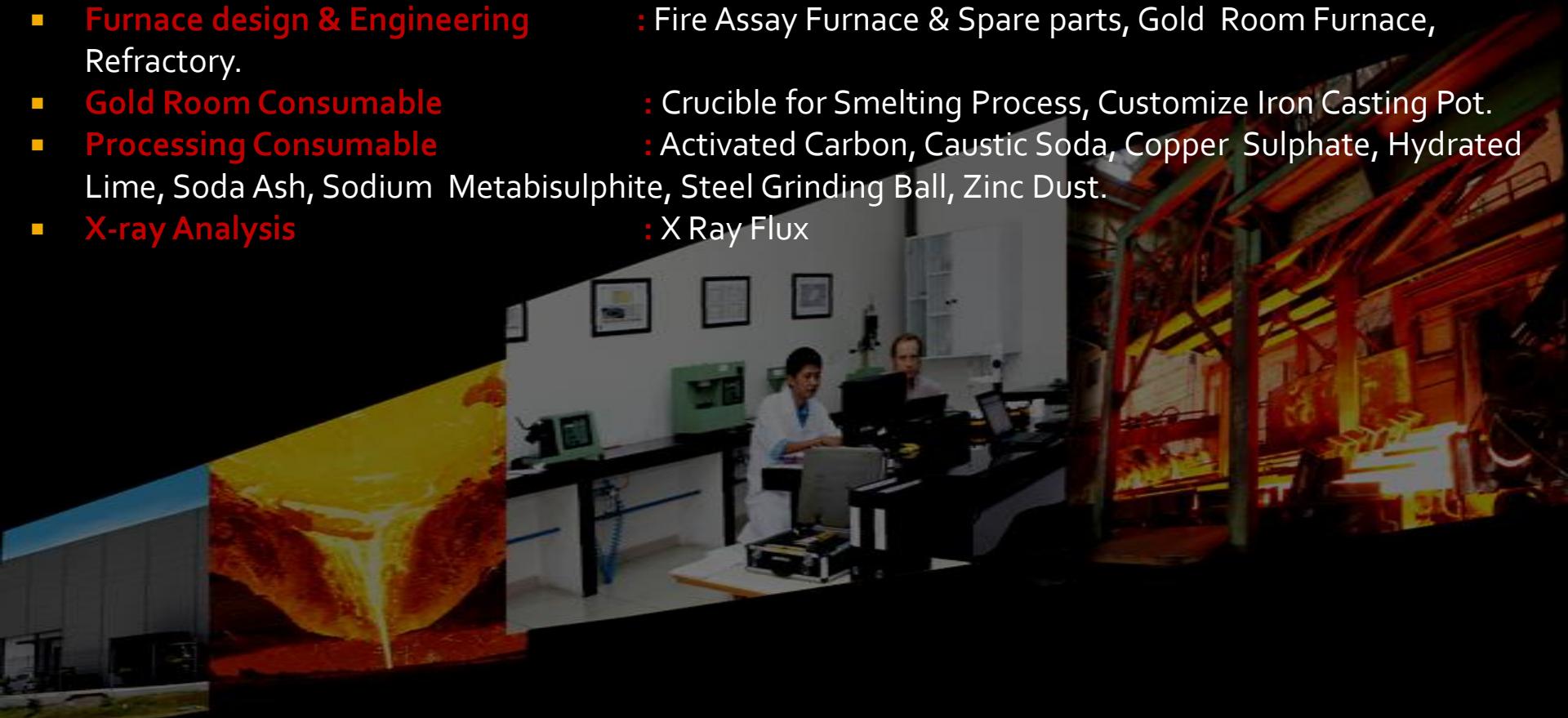
- **Aluminum Foil Industry** : Bobbin Steel Core
- **Concrete Industry** : Silica Fume
- **Coil Industry** : Anti Rust Packaging
- **Electric Industry** : Special Grade Steel
- **General Chemical**
- **Molecular Metal Treatment** : Metal Surface Protection Molecular Product
- **Stainless Steel Sheet**
- **Surface Treatment** : Anti Rust Treatment



# Our Products:

## 8. Mining

- **Fire Assay Consumable** : Crucible Pot, Cupel, Fire Assay Flux.
- **Furnace design & Engineering** : Fire Assay Furnace & Spare parts, Gold Room Furnace, Refractory.
- **Gold Room Consumable** : Crucible for Smelting Process, Customize Iron Casting Pot.
- **Processing Consumable** : Activated Carbon, Caustic Soda, Copper Sulphate, Hydrated Lime, Soda Ash, Sodium Metabisulphite, Steel Grinding Ball, Zinc Dust.
- **X-ray Analysis** : X Ray Flux



## HOW MMGD DELIVERS TOTAL METALURGICAL & HEAT CONTAINMENT SOLUTIONS

MMGD is committed to delivering only high quality, international standard products to our customers. All MMGD products are subject to strict quality control procedures.

Products are manufactured or sourced according to rigorously monitored procedures, and detailed testing is carried out in an in-house laboratory or third party laboratories. Inventory is carefully stored in racked warehouses, and delivery to customer is done through the MMGD's own vehicles or through trusted third party logistics partners.

In addition, MMGD complies with all relevant health, safety, and quality regulations.





## Expert Technical Assistance

Going beyond more product sales, MMGD offers personalized customer support and after sales service. All salespeople are highly trained and come from a deep technical background. Many technical degrees such as Metallurgical Engineer.

The sales personnel frequently undergo refresher training including training overseas. This keeps their knowledge current and helps them to give customers expert technical advice. MMGD salespeople are always on standby in case our customers need us, and we make a point of keeping in touch. Our salespeople also make customer periodic visits on site.

The goal of our salespeople is to help our partners find the best technical solutions for their business needs, by recommending and having the right products delivered on time.

# CONTACT US

## **Head Office:**

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(F) +62.21. 2967 5899, 2967 5988

## **Our Representative And Warehouse**

### **•Cibitung**

Kawasan Industri MM-2100  
Jl. Sumbawa Blok C8, Bekasi, Jawa Barat  
Phone : +62.21.89983263, 89983264  
Fax : +62.21.89983265

### **•Semanan**

Komplek Pergudangan Semanan Megah Kav. 12  
Jl. Daan Mogot KM. 18 Jakarta  
Phone : +62.21.5447796, 5447896  
Fax : +62.21.5447996

### **•Surabaya Warehouse**

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Pergudangan Margomulyo – Surabaya  
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### **Surabaya**

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Fax : +62.31.7325565

### **Medan**

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### **Batam**

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### **Klaten**

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[www.makmurmeta.co.id](http://www.makmurmeta.co.id)