EAF Trading Group

COMPANY PROFILE

ABOUT EAF GROUP

# Connecting Global Suppliers with the Cement & Steel Industries

EAF Group is a trading group focused on the cement and steel industries, operating internationally through its operating company, ENQADH AL AFDAL INDUSTRIAL PLANT EQUIPMENT TRADING L.L.C., based in Dubai, UAE. The Group's activities are built on three core lines: the trading and brokerage of clinker, cement and slag-based cementitious materials; the trading of refractory bricks and refractory materials for cement plants; and the trading of steel raw materials — across regional and international markets. Backed by a network of established international suppliers and close market insight, EAF Group bridges producers and buyers across the cement and steel value chain.

01

**Independent Lab-Verified Shipments (SGS / INSO)**

02

**Direct Producer Representation (e.g. LZR, China)**

03

**Grade & Type per Buyer Requirement**

## Three Core Business Lines

### Clinker, Cement & Slag (GBFS, GGBFS)

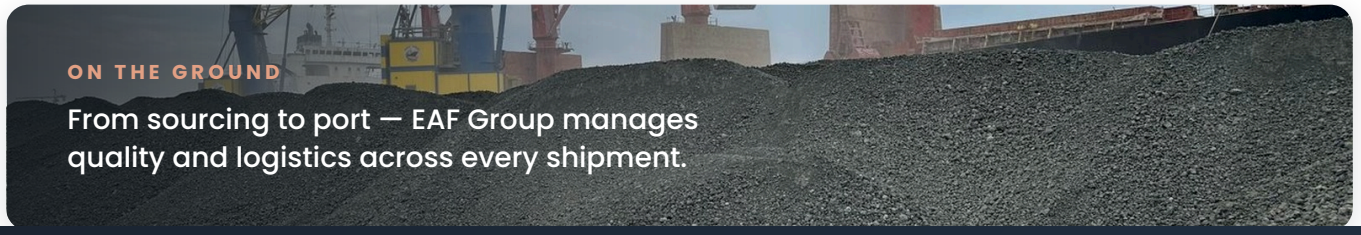
Trading and brokerage of clinker, cement and slag-based cementitious materials (GBFS / GGBFS).

### Refractory Bricks & Mortars

Refractory bricks and monolithics for rotary kiln linings, supplied to match kiln-zone requirements.

### Steel Raw Materials

Pellets, DRI, HBI, billet/bloom and rebar sourced and supplied to buyer specification.



ON THE GROUND

From sourcing to port — EAF Group manages quality and logistics across every shipment.

EXPORT & TRADE MARKETS

United Arab Emirates | Oman | Iraq | Kuwait | Afghanistan | Sri Lanka | Bangladesh | India

PRODUCTS & SERVICES

# Clinker, Cement & Slag Trading

EAF Group is active as a trader and broker of clinker, cement and slag-based cementitious materials, sourcing and supplying material grades to match buyer specifications and prevailing market conditions across our target markets.

Grade / Type per Buyer Requirement | Incoterms: FOB / CFR | Bulk & Bagged Packaging | Independent Lab Verified (SGS / INSO / BS EN)



FLAGSHIP TRADE LINE

## Clinker

Annual supply of approx. **1,000,000 tons** of clinker to cement plants in Sri Lanka, Bangladesh, India, Kuwait, Iraq & Oman.

Composition sourced to match each buyer's plant requirement; every shipment is verified by independent laboratory analysis. **Representative QC report:** C3S 58.0% · LSF 93.4 · MgO 2.05% · Total Alkali 0.88%.



### Cement

**Multiple Types & Grades — Per Market Demand**

**OPC 42.5** | **OPC 52.5** | **PPC** | **SRC**

Type and grade sourced to match buyer and market requirement — Ordinary Portland (OPC), Portland-Pozzolana (PPC) or Sulfate-Resisting (SRC). **Sample QC result:** 55.0 MPa 28-day strength, Blaine 350 m²/kg (OPC Type I–52.5, per INSO 389).



### GBFS / GGBFS

**Granulated & Ground Slag**

CaO 39.6% · SiO2 31.8% · Al2O3 14.7% · MgO 9.2% · Glass 97.9% · Basicity (K) 2.00 (≥1.9 req.). GGBFS ground to Blaine 4500 cm²/g. Tested by SGS-CSTC.

PRODUCTS & SERVICES

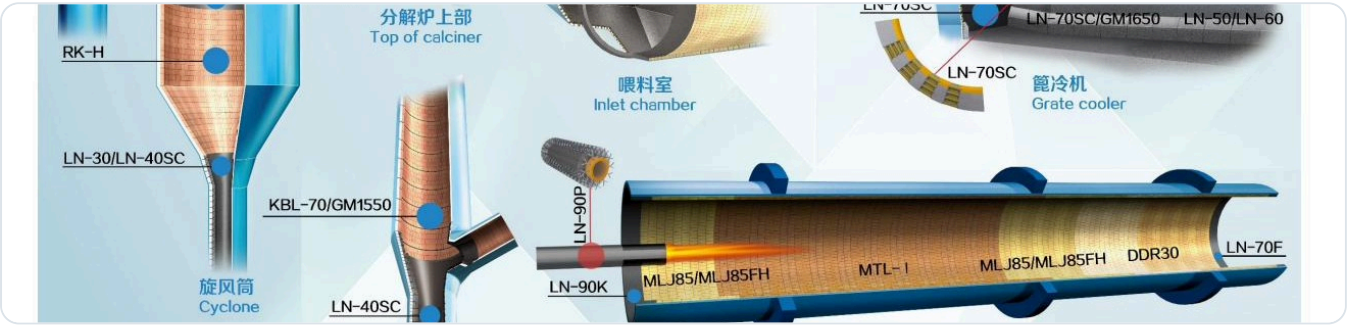
# Refractory Bricks & Mortars

As the official regional sales representative of ZIBO LUZHONG REFRACTORY CO., LTD (LZR), China — a specialized refractory brick manufacturer for cement kilns, lime kilns and high-temperature industrial processes — EAF Group supplies a full range of magnesia, spinel and silicon-mullite bricks for every zone of the rotary kiln, from the burning zone through to the cooler.

**45+ years** manufacturing experience (est. 1979)

**~200,000 MT/year** production capacity

Clients incl. **POSCO** (South Korea)




*Refractory lining zones across the rotary kiln system — cyclone, calciner, kiln body & cooler (LZR reference diagram)*

**TRACK RECORD** Annual supply of approx. **3,000 tons** of premium refractory bricks and monolithics to cement plants.

PRODUCT RANGE

## Refractory Bricks & Monolithics

### MLJ Series (85 / 88)

**Transition & Burning Zone**

Magnesia-alumina spinel brick made from top-grade sintered magnesia, fused magnesia and fused alumina-magnesia spinel. For the transition/burning zone of the rotary kiln.

### MTL Series (I / II)

**Sintering Zone**

Magnesia-hercynite spinel brick made from top-grade sintered magnesia and high-purity sintered iron-alumina spinel (hercynite). For the sintering zone of the rotary kiln.

### GMH-I / GM1550

**Kiln Inlet & Cooler Zone**

Silicon-mullite (andalusite) brick made from fine bauxite, SiC and andalusite. GMH-I serves the kiln inlet/safety zone; GM1550 serves the cooler zone.

### RK-H

**Preheater & Calciner**

High-strength alkali-resistant brick made from flint clay. For preheater, calciner and tertiary air duct sections exposed to alkali attack.

### KBL70

**Calciner, Kiln Hood & Cooler**

Anti-spalling alumina brick made from fine bauxite. For zones requiring high abrasion and thermal-shock resistance.

### MTA60

**Mortar & Repair**

Refractory mortar for jointing and repair of brick linings in kiln and cooler zones. Full specification available on request.

PRODUCTS & SERVICES

# Steel Industry: Iron & Steel Raw Materials

EAF Group is also active in the iron and steel raw materials supply chain, sourcing and trading products from semi-processed iron units through to finished long-steel products, matched to buyer specifications and prevailing market conditions.

IRON ORE PRODUCT **Pellets**



**Fe** 65.21% · **Tumbler Index** 96.78% · **CCS** 272 kg/pellet · **Size 6–16mm** 92.77% · **Sulfur** 0.0068%



### DRI / Sponge Iron

**Direct Reduced Iron**

Fe Total 87–89% · Fe Metal 79–83% · Metallization ≥91% · Carbon 1.3–2.5% · Sulfur ≤0.01% · Size 9–16mm ≥85%.



### HBI

**Hot Briquetted Iron**

Fe Total 86±1% · Fe Metal 79±1% · Metallization ≥89% · Carbon 0.7–1.1% · Sulfur ≤0.01% · Size >6.3mm ≥95%.



### Billet / Bloom

**Grades 3SP, 5SP & Others**

Semi-finished steel billet in 3SP, 5SP and other grades. Average chemistry: C 0.182% · Mn 0.626% · Si 0.208% · P 0.0108% · S 0.0164% · Cu 0.0072% · Ni 0.0080% · Cr 0.0094%. Cross-section, length and composition per buyer order.

**TRACK RECORD** Annual supply of approx. **100,000 tons** of standard-grade DRI & HBI from leading producers to steel plants in Iraq.

**TRACK RECORD** Annual supply of approx. **150,000 tons** of steel billet to steel plants in Iraq & Oman.

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