MATERIALS, EQUIPMENT AND FIELD SERVICES FOR STEEL PLANTS



COMPANY BROCHURE / VIETNAM / 2026

PTP / Phu Thinh Phat

Supporting Vietnam’s steel industry with industrial supplies and refractory installation experience at Formosa Ha Tinh.

01

METALLURGICAL CONSUMABLES

Aluminium materials, ferroalloys and cored wire selected for plant requirements.

02

INDUSTRIAL EQUIPMENT & SPARES

Motors, valves, cylinders and instruments matched to technical requirements.

03

REFRACTORY INSTALLATION

Refractory installation experience at Formosa Ha Tinh as a subcontractor.









Support for steel plant operations

PTP connects plant requirements with suitable suppliers and local execution in Vietnam.

FIELD SERVICES

Refractory installation experience

Subcontracting experience at Formosa Ha Tinh, covering blast furnace runners, tundishes, torpedo cars, RH units and BOF converters.

INDUSTRIAL EQUIPMENT & SPARES

Selection for each application

We clarify specifications and operating conditions, then work with manufacturers to check compatibility before proposing a supply option.

METALLURGICAL CONSUMABLES

Aluminium materials and steelmaking supplies

We select materials by composition and intended use. Technical documents and plant trials guide evaluation for deoxidation or slag treatment.

LOCAL COORDINATION

PTP follows technical requirements, delivery schedules and feedback from plant operations.

Refractory installation workforce

We allocate field teams and supervisors to match the work scope, maintenance schedule and plant requirements.

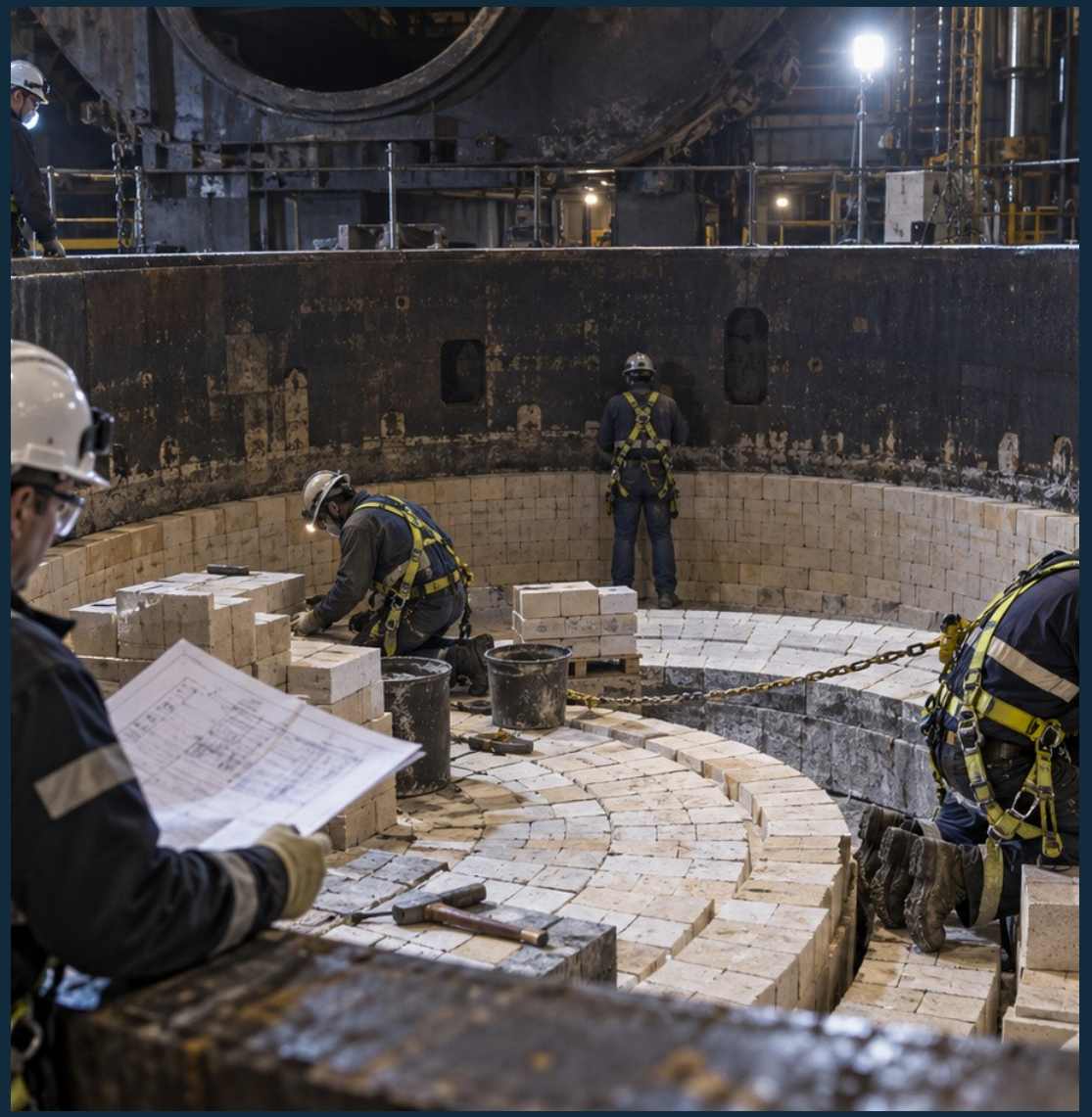
100+ people

FIELD PERSONNEL

10+ years

INSTALLATION EXPERIENCE

Experience with blast furnace runners, tundishes, RH and BOF.
PTP works as a subcontractor alongside refractory suppliers and plant site management.



Illustrative photo

Experience at Formosa Ha Tinh

Refractory work for blast furnace runners, tundishes and torpedo cars.



BLAST FURNACE RUNNERS



TUNDISHES



TUNDISH LINING SPRAYING



TORPEDO CARS

WORK SCOPE AND SITE CONTROL

01 BLAST FURNACE RUNNERS

Refractory installation and repairs within the assigned scope and site safety requirements.

02 TUNDISHES

Surface preparation, brickwork and sprayed linings coordinated with the casting schedule.

03 TORPEDO CARS

Inspection and refractory lining repairs within the assigned work scope.

04 SITE CONTROL

Compliance with work permits, personal protective equipment and plant safety procedures.

Refractory work for RH and BOF

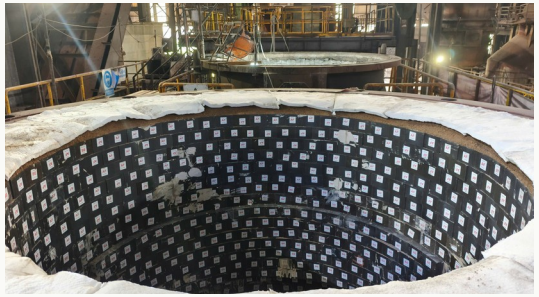
Experience supporting maintenance shutdowns, coordinating schedules and checking installation quality.



SKILLED INSTALLATION TEAM



BRICK TYPE CHECKS



LINING DIMENSION CHECKS



RH WORK AREA

RH AND BOF INSTALLATION CAPABILITIES

01 RH VACUUM DEGASSING

Refractory lining installation for RH units within the approved scope and method.

02 BASIC OXYGEN FURNACE

Converter relining and repairs following approved drawings and installation methods.

03 QUALITY CONTROL

Checks of brick types, installation sequence and lining dimensions during the work.

04 SITE CONTROL

Compliance with work permits, work-at-height procedures and shift handover requirements.

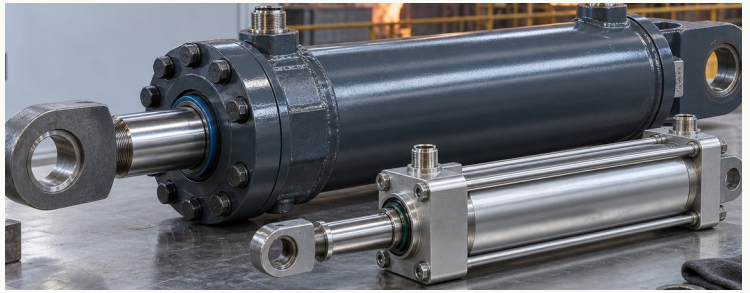
Stage inspections and handover coordinated with the site management team.

Industrial equipment and supplies

We clarify technical requirements and replacement compatibility before quoting.



VALVES



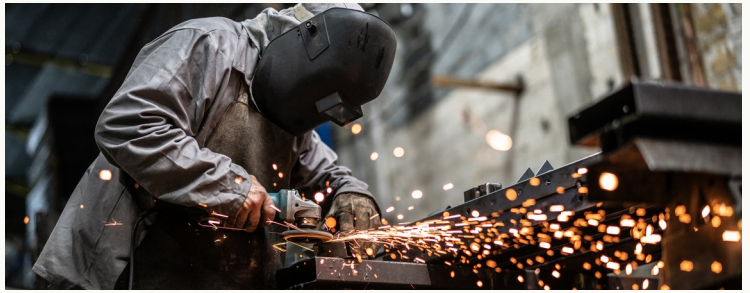
INDUSTRIAL CYLINDERS



INSTRUMENTATION



MOTORS & DRIVES



STEEL FABRICATION



PROJECT SUPPLY

We review part numbers, drawings, operating conditions, origin and lead times for each enquiry.

Motors and drive systems

We check power, torque, duty cycle, protection rating and replacement compatibility.



INDUSTRIAL MOTORS





PRODUCTION LINE EQUIPMENT





INDUSTRIAL APPLICATIONS

Maintenance supplies and spare parts

Supply for planned maintenance, shutdowns and replacement needs.



STEEL FABRICATION



INDUSTRIAL SPARES



PLANT EQUIPMENT

PTP clarifies specifications and lead times to help procurement teams plan their purchases.

Ferroalloys and steelmaking materials

Selection by chemical composition, specification and process requirements.





SILICON–CARBON ALLOY (Si–C)



FERROSILICON (FeSi)



SILICON CARBIDE (SiC)



CORED WIRE

SPECIFICATIONS AND BATCH DOCUMENTS

PTP coordinates manufacturers, imports and deliveries to the specifications agreed with the plant.

Composition, particle size, packaging, delivery quantity and quality documents are agreed for each batch.

PRODUCT RANGE

Si–C alloy / Ferrosilicon (FeSi)
Silicon lumps / Silicon slag / Silicon metal
Silicon carbide (SiC) / Cored wire / Other materials

Measurement for process control

Molten metal probes and instruments for pressure, flow, level and temperature.



Temperature and oxygen probes



Immersion temperature systems



Industrial gauges

We check measuring ranges, signals and connections against existing systems.
Manufacturer, origin and quality documents are confirmed for each item.

Ogawa aluminium materials

Aluminium materials made in Vietnam by Vina Ogawa, a subsidiary of Ogawa in Japan.



OGAWA FACTORY / JAPAN



VINA OGAWA FACTORY / VIETNAM



PRODUCT FORMS



DELIVERY AND HANDLING

01 OGAWA ALUMINIUM INDUSTRIES CO., LTD
JAPAN

Established: 3 July 2000 (predecessor founded in 1960).
Factory: Saitama City, Japan.
Capital: JPY 20,000,000.
Business: manufacturing and aluminium dross recycling technology.

02 VINA OGAWA ALUMINIUM RECYCLING CO., LTD
VIETNAM

Established: 15 December 2015.
Factory: Ba Ria–Vung Tau Province, Vietnam.
Capital: VND 4,700,000,000.
Business: manufacturing and aluminium dross recycling technology.
PTP is an authorised Ogawa distributor under the cooperation documents.

From plant requirements to supply

Plant approval of the trial plan, evaluation criteria and safety conditions precedes any on-site trial.

STEP 01



DEFINE THE NEED

Work with plant teams and manufacturers to define the application, objectives and baseline data.

STEP 02



REVIEW TECHNICAL DETAILS

Review product specifications, operating requirements, compatibility and safety conditions.

STEP 03



SUPERVISED PLANT TRIAL

Agree trial scope, responsibilities, performance measures and stop conditions.

STEP 04



EVALUATE AND PLAN SUPPLY

Review the results. If requirements are met, agree specifications and a supply plan.

PTP coordinates technical discussions, trial planning and follow-up with plant teams and manufacturers.

Local support in Vietnam

PTP helps international manufacturers understand plant requirements and develop business opportunities in Vietnam’s steel industry.

01 MARKET AND CUSTOMER SUPPORT

Plant requirements and local enquiries

Identify potential demand at steel plants in Vietnam.
Draw on PTP’s refractory installation experience at Formosa Ha Tinh.
Explore opportunities with other steel producers, including Hoa Phat.

02 TECHNICAL AND SUPPLY COORDINATION

Support from enquiry to delivery

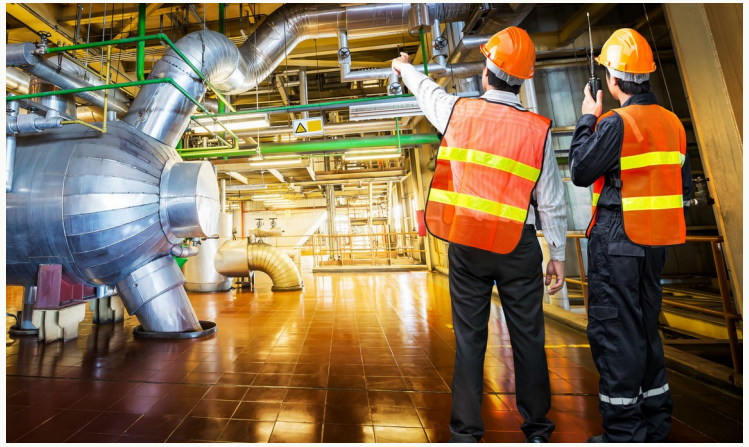
Coordinate site visits and technical discussions with plant teams.
Clarify specifications and operating conditions for manufacturer review.
Follow up quotations, delivery schedules and customer feedback.

A FLEXIBLE APPROACH TO COOPERATION

We work with manufacturers to define suitable products, responsibilities and local support.
Our activities cover refractory installation, industrial equipment and spare parts, and metallurgical consumables.
Cooperation follows the agreed scope and the requirements of each plant.

Team roles and coordination

Clear points of contact for working with plant technical, operations and procurement teams.



FIELD INSTALLATION TEAM

Installation to approved methods, with compliance with plant safety and supervision requirements.



SALES AND PROCUREMENT

Clarify technical needs, coordinate manufacturers and follow order progress.



MANAGEMENT AND COORDINATION

Allocate resources, coordinate site activities and resolve issues as they arise.

THANK YOU

Thank you for taking the time to learn about PTP.
Please contact us to discuss your products, plant requirements or opportunities to work together in Vietnam.

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