

BUYERS - PROCESSORS - METALLIZERS - MAGNET MANUFACTURERS

Define the product before the project scales.

ARE is seeking qualified processors, metallizers, magnet manufacturers, alloy producers and strategic marketers to help define specifications and qualification paths for prospective Project Phoenix and Project Boomerang products.

SUBMIT PRODUCT SPECIFICATIONS

REQUEST A QUALIFICATION CALL

PRODUCT LADDER

Four possible product levels.

The appropriate product form is selected with the buyer or processor and remains subject to feed-specific evidence.

01 - CAPTURED INTERMEDIATE

Mixed REE-bearing fraction

For characterization and downstream process evaluation.

02 - MIXED OXIDE

Mixed rare-earth oxide

Requires method, impurity, packaging and qualification alignment.

03 - SEPARATED OXIDE

Individual or grouped oxides

Developed around buyer and processor requirements.

04 - FINISHED FORM

Selected metals or alloys

Pursued only where the complete pathway is established.

TARGET SUITE

Market-led product definition.

Magnet-chain priorities: Nd, Pr, Dy, Tb

SmCo pathway: Sm

Specialty and defense-relevant pathways: Y, Gd, Sc, Er, Ho, Lu and Yb, together with other feed-specific rare earths.

CURRENT QUALIFICATION STATUS

Prospective until accepted.

Current discussions may address intermediates, oxides, metals or alloys. No product is represented as qualified until representative material completes the applicable analytical, regulatory and customer-acceptance process.

BUYER FRAMEWORK

Specifications drive the qualification program.

01 - FORM

What do you receive?

Intermediate, oxide, metal, alloy, powder, lot or package.

02 - CHEMISTRY

What must it contain?

Element grouping, purity, impurities and radionuclide limits.

03 - EVIDENCE

How will it be tested?

Methods, referee lab, sample size and acceptance criteria.

04 - SCALE

What quantity matters?

Pilot lot, commercial lot, annual demand and timing.

The named suite reflects the current Florida working basis and the element suite to be tested for other resources. It is not a representation of any unassayed host feed or a guarantee that every element will be produced in a commercial form.

BUYER DATA REQUEST

Tell ARE what acceptance looks like.

The initial exchange is non-confidential. A secure channel and NDA are established before receiving confidential specifications, product drawings, controlled data or sensitive demand information.

01	Material form and target element or grouping	02	Minimum and preferred purity
03	Critical impurity limits	04	Radionuclide acceptance limits or prohibited constituents
05	Moisture and particle-size requirements	06	Packaging and shipment form
07	Analytical methods and referee laboratory	08	Sample quantity and qualification sequence
09	Regulatory or end-use certifications	10	Pilot-lot and commercial-lot quantities
11	Prospective annual demand and timing	12	Tolling, processing, purchase, marketing or strategic-participation interest

QUALIFICATION SEQUENCE

01 Non-confidential exchange Initial form, element and demand screen.	>	02 NDA + secure channel Authorize sensitive specification exchange.	>	03 Method alignment Analytical methods and acceptance criteria.	>	04 Sample evaluation Representative material or synthetic standard.	>	05 Pilot-lot qualification Process, product and handling evaluation.	>	06 Written commercial framework Acceptance, quantities, terms and scale decision.
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WHAT ARE CAN PROVIDE AT THE APPROPRIATE GATE

- Project and feed-basis summary
- Prospective product-form options
- Analytical and qualification work plan
- Representative sample or pilot-lot pathway
- Controlled diligence materials after approval

WHAT REMAINS PROJECT-SPECIFIC

- Feed composition and recovery
- Product purity and impurity profile
- Deliverable volume and schedule
- Pricing, payability and commercial terms
- Regulatory and end-use acceptance

BEGIN THE DISCUSSION

Submit the element, preferred form, acceptance limits, analytical method, sample quantity, qualification sequence and prospective annual need through the Buyers & Processors pathway at americasrareearth.com.

Specification exchange and qualification discussions do not constitute an offtake, purchase commitment, product acceptance, price agreement or representation that ARE can presently deliver the requested material.