

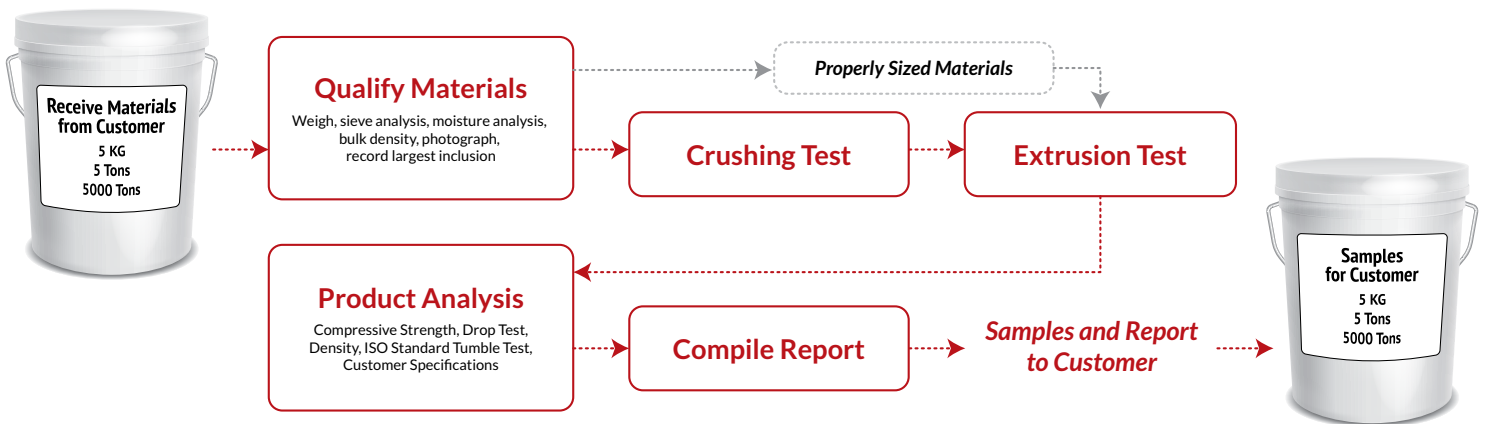
The science behind the customer satisfaction



Simple solutions need reliable machinery. That reliability starts here with Steele lab and test plant services. Our engineers and technicians test raw materials for processing and continuous shaping, from lab-scale testing with 5 kg up to 20TPH in our test plant.

Once we've qualified your materials, we recommend specific machines and a process for preparation and extrusion. These data-driven solutions give you machines that work from day one, delivering reliable, consistent production around the clock.

We provide material analysis and tests for crushing, feeding, mixing and extrusion on four continents – Australia, the U.S., Europe and South Africa.



Material evaluations and commercial feasibility studies

There's no standard raw material, but we have the experience and resources to classify your materials and design the optimal machinery and production process. Steele lab and test plant services support plant and application engineering, system installation and custom die manufacturing.

Contact us to discuss your raw materials and production requirements.

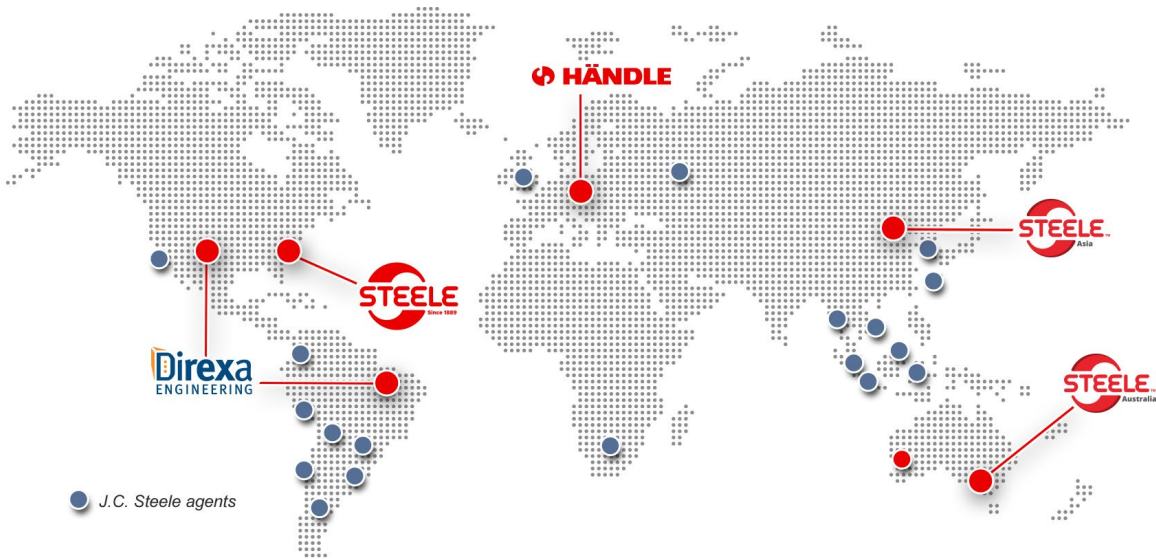


A data-driven approach to optimal operations

Our lab and test plant capabilities cover preparation and extrusion of heavy clays and shales, raw materials agglomeration and pelletizing for by-products and waste streams:

- Raw material receiving reports
- High/low tonnage crushing
- Feeding
- Mixing
- Mix and extrusion testing
- General extrusion testing
- Particle size analyses
- Attenberg plasticity evaluation
- Grinding, mixing and extrusion evaluations for product and process improvement
- Green strength evaluation and improvement

Steele lab technicians and die engineers work together to customize dies for material mix, shape and extrusion speed.



Steele lab and test plant services are available on four continents – Australia, the U.S., Europe and South Africa. Testing locally gives you more convenience, with networked technical resources for cost-effective solution development.

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