

INDUSTRIAL FACILITIES





Our services encompass all stages of engineering for mineral beneficiation facilities. We manage the engineering for mineral treatment processes from the initial process design conception, through pilot-scale testing, process balancing, and sizing of both primary and auxiliary equipment. We also conduct trade-off studies to optimize existing processes in tailings plants, concentrators, chemical plants, and more. By working closely with clients to assess the characteristics and specifications of the materials to be processed, we collaboratively define the optimal process from both technical and economic perspectives, including the specification of required equipment, plant layout, sizing, and design.

With extensive experience in designing industrial facilities, we provide solutions tailored to each client's specific needs, ensuring optimal and sustainable engineering.

Our highly specialized team covers a range of engineering disciplines, including digital, electrical, instrumentation, automation, piping, mechanical, mineral processing, steel structures, telecommunications, architecture, and systems engineering



Service areas

BRASS is involved in all phases of engineering for mineral beneficiation plants. Our expertise includes liquid waste treatment processes, fuel management, extraction method definition, bottleneck elimination, filtration plants, thickeners, and mineral grinding circuits, among other processes.



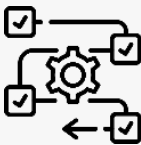
Conceptual studies for industrial plants



Pre-feasibility and feasibility studies



Detailed engineering for industrial plants



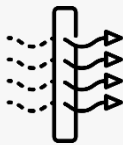
Process routing for mineral processing



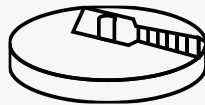
Flotation plant design and optimization



Debottlenecking



Filtration plant design and optimization



Thickener design and optimization



Trade-off studies



Grinding circuit design and optimization



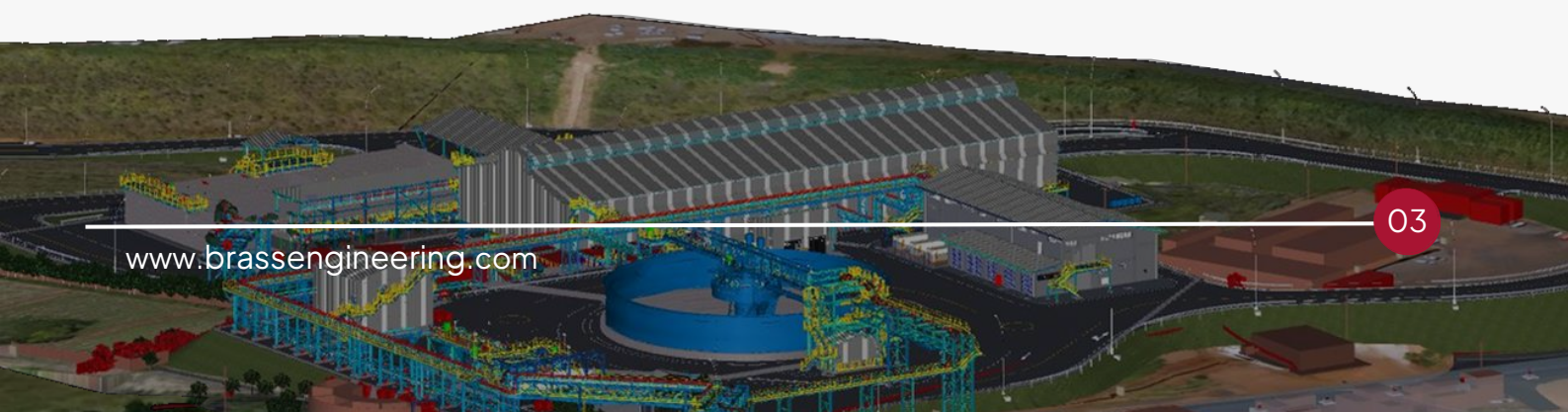
Laboratory and pilot-scale testing



CapEx/OpEx studies for industrial plants



Technical audits for industrial facilities





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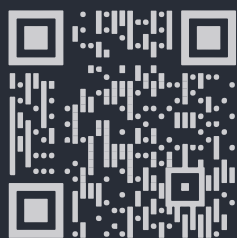
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9001:2015

14001:2015

45001:2018