



ENGINEERING



TH offers a full engineering service in the mining, industrial minerals, aggregates and environment industries, with special attention on the main technical and investment issues so as to draw up effective, profitable projects.





A SOLUTION PROVIDER

TH covers all the engineering stages of projects individually or as a whole.

1 | Viability studies



2 | Basic engineering



3 | Detail engineering



4 | Implementation engineering





Basic engineering

Concept definition stage

Basic study analysing processes and investment to enable the customer to assess the implementation of a project and how to tackle it.

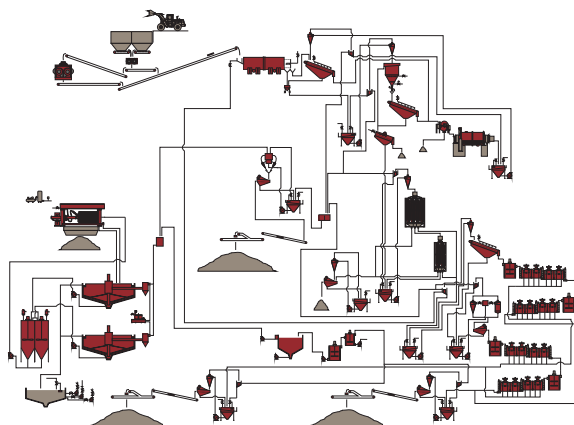
- › Work with the customer to define basic engineering and design parameters.
- › Preparation of estimated process balances and flow diagrams.
- › Basic dimensioning of equipment and auxiliary elements.
- › Basic dimensioning of structures and accesses.
- › Basic definition of electrical equipment and installation.
- › Basic definition of auxiliary supplies (water, electricity, fuel, etc.).
- › Initial general implementation layout and guideline plans for same.
- › Determination of the estimated project timeline.
- › Estimates of investment requirements and production costs envisaged.
- › Preparation of general draft projects.

Viability studies

Preliminary stage

Preliminary study to analyse the viability of the project proposed by the customer:

- › Characterisation of raw materials and establishment of specifications for finished products.
- › Preliminary estimates of process and storage capacities.
- › Preliminary definition of processes.
- › Preparation of preliminary flow diagrams.
- › Preliminary estimates of investment and operating costs.
- › Drawing up of viability studies.





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