

# Boyo Mines Engineering

## Mechanical and Construction Profile

### 1. Mechanical Engineering Division

The Mechanical Engineering Division of Boyo Mines Engineering focuses on the design, supply, fabrication, and maintenance of industrial mechanical systems. The division supports mining, manufacturing, processing, and infrastructure projects with reliable and durable mechanical solutions.

Category	Example Products	Typical Applications
Pumps and Compressors	Centrifugal pumps, screw compressors	Water supply, slurry transport, dewatering
Valves and Actuators	Gate, ball, butterfly valves, pneumatic actuators	Flow control and process management
Conveying Systems	Belt conveyors, bucket elevators, screw conveyors	Material handling in mining and industry
Hydraulic & Pneumatic Systems	Hydraulic cylinders, power packs, pneumatic tools	Automation, lifting, and control systems
Heat Exchange Systems	Heat exchangers, cooling towers, chillers	HVAC, process and boiler systems

### 2. Construction Division

The Construction Division delivers comprehensive civil and building engineering solutions, from foundation works to superstructure completion. Boyo Mines Engineering is involved in infrastructure development, industrial facilities, and residential construction projects.

Category	Example Products	Typical Applications
Building Materials	Cement, concrete, bricks, paint, tiles	Foundations, walls, floors, and finishes
Structural Steel Works	Beams, trusses, handrails, staircases	Industrial buildings and platforms
Civil Infrastructure	Culverts, precast pipes, guardrails, road signs	Road and drainage systems
Earthworks & Equipment	Excavators, compactors, graders, geotextiles	Site preparation, stabilization, foundations
Building Services	Plumbing, electrical, HVAC, fire systems	Utility and building service integration

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