



PROCESS



Process	Description	Equipment	Material	Control
1. Material Handling	Transportation of raw materials from storage to production area.	Forklifts, Conveyors	Raw materials	Weight scales, Inventory tracking
2. Mixing	Combining raw materials in specific proportions.	Mixers, Blenders	Raw materials	Proportional dispensing systems
3. Processing	Transformation of mixed materials into a specific form.	Presses, Extruders	Mixed materials	Temperature and pressure controls
4. Finishing	Final processing steps such as coating or drying.	Ovens, Coating machines	Processed materials	Temperature and humidity controls
5. Quality Control	Inspection and testing of finished products.	Inspection stations, Test equipment	Finished products	Statistical process control (SPC)



EQUIPMENT



CONTROL



COMMUNICATION



PACKING

