



跃江化工  
YUEJIANG CHEM



# ***Yuejiang Sustainability Overview***

Supporting Long-Term Industrial Supply  
Through Standardized Manufacturing

This document is a manufacturing overview only. It is not an audited ESG report and does not include assured Scope 1, Scope 2, Scope 3, energy, water, emissions, or other quantified sustainability disclosures.

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# Executive Summary

## Founded in 2003

Established in 2003, Yuejiang Chemical is dedicated to delivering reliable titanium dioxide solutions and building long-term value for customers across global industries.

## A practical view of sustainable manufacturing

At Yuejiang, sustainable manufacturing means maintaining stability across raw materials, production processes, quality control, and delivery management. It is built on controlled operations, documented procedures, and practical consistency in daily manufacturing.

This overview explains how Yuejiang applies manufacturing discipline across key areas including governance, process control, inspection, impurity and purity management, packaging, warehousing, safety, and documentation support. The purpose is to give customers a clearer view of how responsible manufacturing is managed in practice.

### Controlled Operations

Stable manufacturing begins with disciplined execution.

### Documented Management

Procedures and records support review and traceability.

### Responsible Delivery

Manufacturing responsibility extends beyond production.



# Governance & Management Framework

Clear responsibilities, controlled procedures, and traceable records

Responsible manufacturing begins with governance. At Yuejiang, production, quality, warehousing, and delivery are supported by defined responsibilities, controlled procedures, and documented records.

The focus is not only on final output, but also on how key activities are carried out, reviewed, and connected through a consistent management structure. This helps strengthen operational stability across manufacturing, inspection, and delivery.

Our management approach emphasizes practical execution: clear working rules, traceable records, controlled release, and continual follow-up when improvement is required.

## Defined Responsibilities

- Clear roles across production and quality functions

## Controlled Procedures

- Standardized operating and review practices

## Documented Records

- Traceable records support review and follow-up

## Continual Follow-Up

- Issues are reviewed and improvements are carried forward

# Raw Material & Process Control

## Building stability through controlled operations and documented review

Stable manufacturing depends on controlled operations at every key stage. At Yuejiang, process control begins with raw material suitability review and continues through production monitoring, in-process checks, and documented review points.

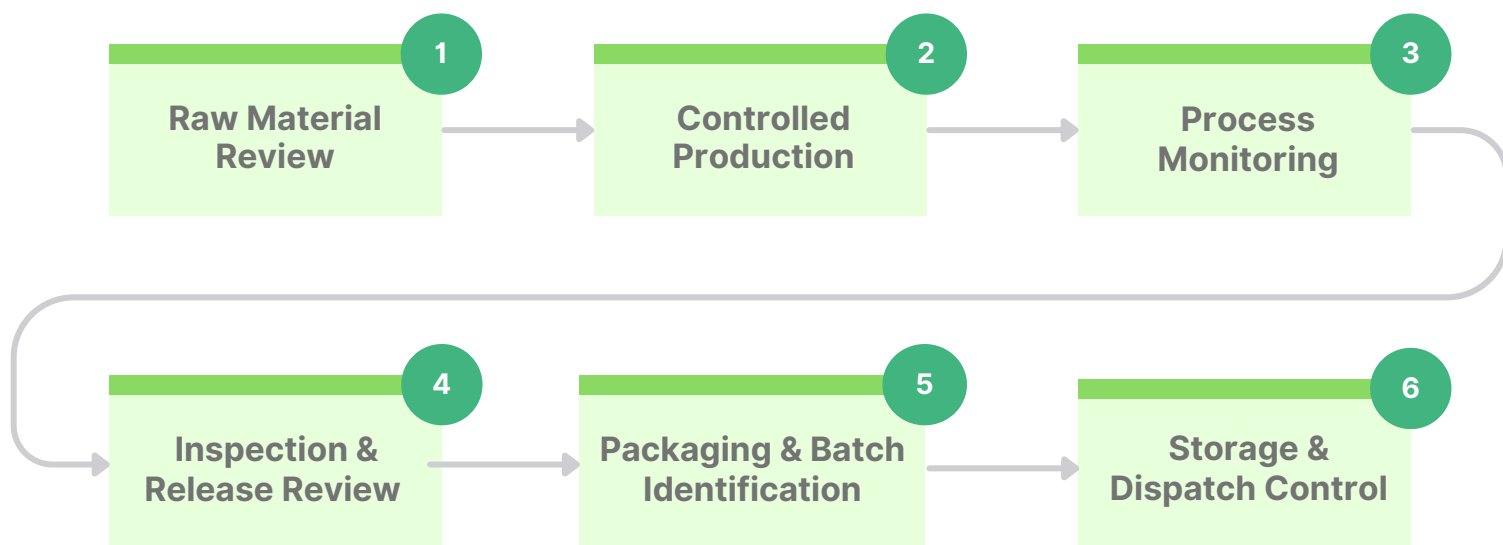
The goal of process control is not only to keep production running, but to identify variation early, maintain consistency across critical stages, and reduce unnecessary rework or downstream disruption. This helps support more stable manufacturing outcomes and more predictable product performance.

Our process control approach is built around practical execution: front-end screening, in-process monitoring, reviewable checkpoints, and controlled transition from production to inspection, packaging, warehousing, and final dispatch.



## From Raw Material to Final Dispatch

Illustrative control chain for management overview.



# Quality Control



Product Category	Composition Crystal Form	Coarse Particle Dispersion Risk	System Stability	Purity	Formula Behavior	Notes
Rutile Coatings	✓	✓	✓	✓	✓	Focus on appearance and application consistency
Rutile Plastics	✓	✓	✓	✓	✓	Focus on processing stability and dispersion
Anatase General Grade	✓	✓	✓	✓	✓	General consistency management
High-Purity / Specialty Grade	✓	✓	✓	✓	✓	More refined purity and impurity control

## Supporting batch consistency through indicator-based inspection and release

At Yuejiang, quality control is focused not only on specification compliance, but also on batch consistency and reliable performance in use. Inspection and release are therefore treated as critical control steps before delivery.

Our approach combines multiple categories of control indicators according to product type and application. These may include composition, optical properties, purity-related items, system stability, coarse particle risk, and formulation behavior.

The matrix on this page is a framework illustration only. Actual testing items depend on the product grade, batch, and customer requirements.

**Consistency in delivery begins with consistency in inspection and release.**

# Purity Management & Documentation Support

Extending product responsibility through controlled material characteristics and documented information

Purity management helps reduce the risk of unwanted variation in color tone, dispersion, processing behavior, and end-use suitability. For selected grades, control attention may extend to impurity profile, heavy metals, soluble matter, and other purity-related categories.

Documentation is an important part of this approach. Technical, safety, inspection, and packaging-related documents help support internal review, responsible handling, and more efficient customer evaluation.

Together, material control and documented information strengthen product responsibility beyond production itself.



## TDS

Technical product information

## SDS

Safety and handling information

## COA

Batch-based inspection reference

## Packaging

Storage, transport instructions



# Packaging, Warehousing & Safety Management

Extending manufacturing discipline into storage, handling, and delivery

For powder-based industrial materials, packaging, storage, and handling are essential parts of product integrity and delivery consistency. At Yuejiang, packaging and warehousing are managed through standardized formats, batch identification, storage guidance, and dispatch review.

The objective is not only to protect the material during transport and storage, but also to reduce risks related to moisture, contamination, misidentification, and handling damage. Standardized delivery practices help support more consistent product condition from shipment to customer use.

Safety management is also an important part of this process. Powder handling requires attention to dust awareness, PPE, ventilation, housekeeping, loading discipline, and training. These practical controls help extend manufacturing responsibility beyond production itself.



## Illustrative Packaging, Storage & Delivery Options

Item	Common Option	Typical Use Scenario	Control Focus
Standard Bag	Approx. 25 kg paper-plastic composite bag / valve bag	Routine delivery and export	Moisture protection, package integrity, clear labeling, batch traceability
Jumbo Bag / FIBC	Approx. 500–1000 kg	Bulk delivery and handling efficiency	Bag integrity, controlled lifting, stacking discipline, dry environment
Palletized Shipment	Pallet + stretch wrap / strapping	Improved loading and unloading efficiency	Stable stacking, damage prevention, shipment consistency
Storage Conditions	Cool, dry, ventilated environment	Storage and transfer	Moisture control, contamination prevention, orderly placement
Dispatch Review	Batch identification and shipment check	Pre-shipment stage	Label review, quantity confirmation, shipment accuracy

Framework example only. Packaging format and delivery arrangement are subject to actual product grade, order requirement, and logistics condition.

# Continual Improvement

Continual improvement helps maintain long-term consistency in manufacturing and delivery. At Yuejiang, follow-up actions may come from inspection findings, process observations, customer feedback, or operational review.

The aim is to identify issues, review causes, apply corrective action, and strengthen practical control over time.

Future focus remains on clearer documentation, improved control visibility, and stronger standardization across production, packaging, warehousing, and safe handling.



## Manufacturing Excellence

Our production system is built around stable process control, consistent quality management, and application-oriented material performance. By maintaining disciplined operations across key stages, Yuejiang supports reliable titanium dioxide supply for coatings, plastics, paper, ink, and other industrial applications.



## Responsible Operations

We continue to strengthen responsible manufacturing through standardized procedures, impurity and purity management, controlled packaging and warehousing, and documented technical support. This approach helps improve consistency in delivery while supporting safer handling and clearer product review.



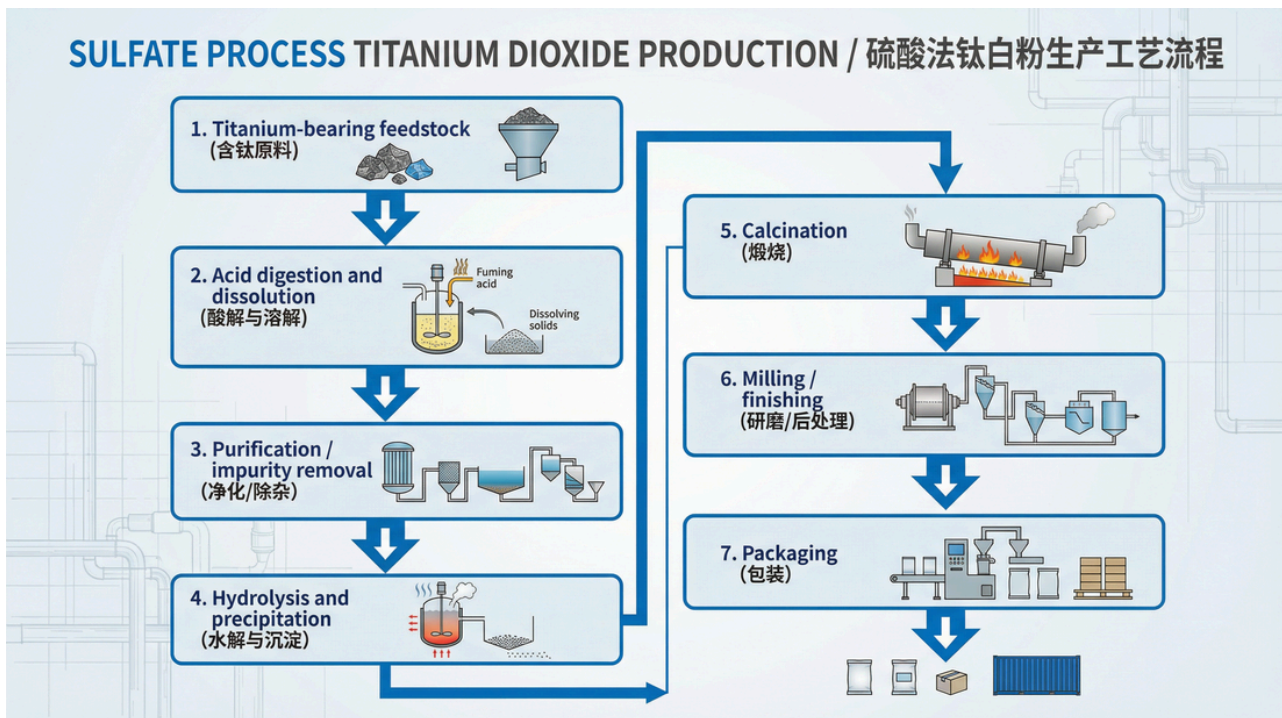
## Future Development

Looking ahead, Yuejiang will continue to refine manufacturing control, enhance documentation and traceability, and strengthen management in high-purity and application-specific product directions. Further effort will also be placed on improving operational standardization, process visibility, and long-term supply reliability.

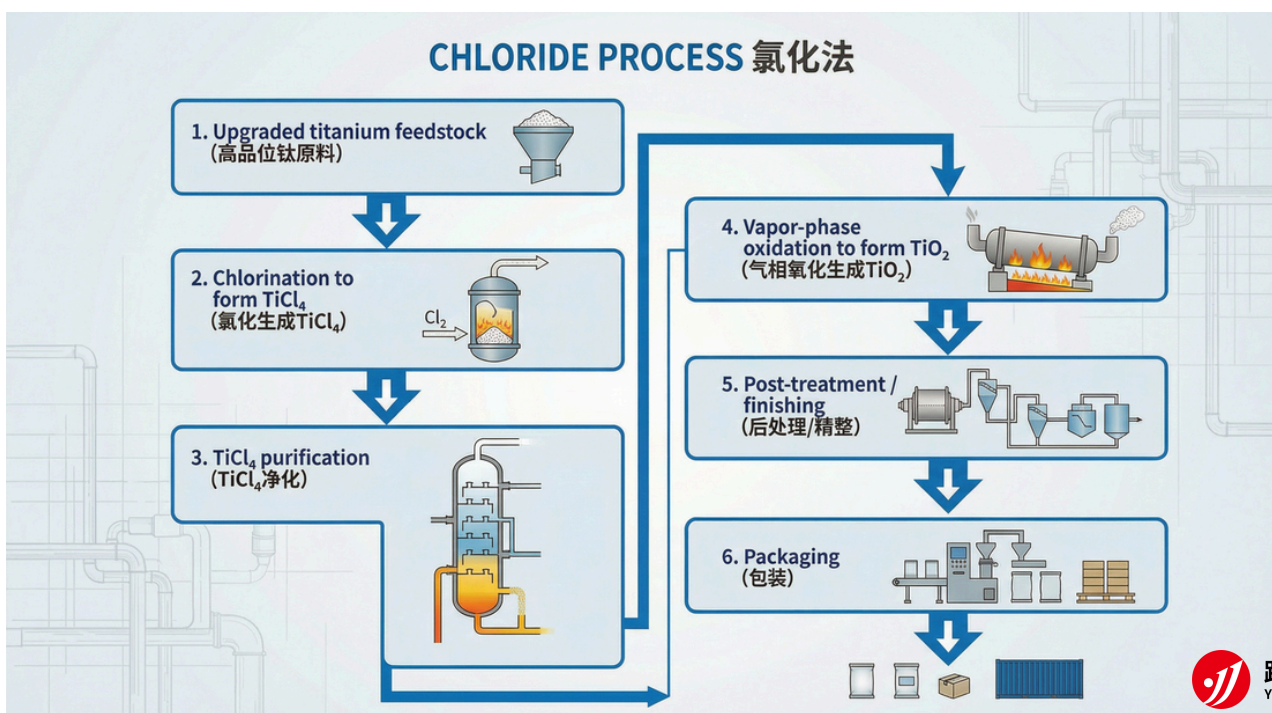
# Main Titanium Dioxide Production Routes

High-level illustration only. Non-operational and not process-specific.

## Sulfate Process



## Chloride Process





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# Commitment to Long-Term Reliability



At Yuejiang, responsible manufacturing is not defined by broad claims, but by how production, quality, and delivery are managed in practice.

By maintaining stable operations, disciplined control, and clear documentation, we continue to strengthen the consistency, reliability, and reviewability of our manufacturing system.

This is the foundation on which Yuejiang supports long-term industrial cooperation and dependable titanium dioxide supply across global markets.

