

# Wash Recipe Documentation Template

A structured record of a denim wash — chemicals, process steps, and shade bands — so the same result can be reproduced across reorders, not re-guessed each time.

## Who this is for

Brands moving an approved wash into bulk, and scaling brands protecting wash consistency across repeat orders. A wash described in words is not repeatable; a documented recipe is. Fill this in with your denim product team during wash development.

## How to use this template

- Document the wash at the point it is approved — not from memory weeks later.
- Record dosages and times as ranges only if the process genuinely allows it; otherwise be exact.
- Keep an approved wash standard (a physical garment) tied to this document by reference number.
- Re-issue with a new revision number if any step changes, so every reorder traces to one recipe.

# 1 Wash Identification

Tie this recipe to one style, one approved standard, and one revision.

Field	Detail
Wash name / reference	
Linked style name & number	
Approved wash standard ref. (physical garment)	
Fabric reference this recipe applies to	
Recipe revision no.	
Date documented	
Documented by	

### Why this is the core of reorder consistency

Order #4 drifts from Order #1 most often because the wash was never documented as a repeatable recipe — only approved as a look. This document is what makes the look reproducible.

## 2 Target Result

Define what "correct" looks like, so the recipe can be judged against a clear target.

Specification	Target
Target shade (light / mid / dark / black, etc.)	
Acceptable shade band range	
Hand feel target (soft / crisp / etc.)	
Surface effects (whiskers / hand sand / 3D)	
Destruction / grinding (describe + placement)	
Tint / over-dye target	

## 3 Base Process Conditions

Record the machine and load conditions the recipe assumes.

Field	Value
Machine type	
Load size (garments or kg)	
Liquor ratio	
Water temperature range	

## 4 Process Steps & Chemical Recipe

Step by step, in order. Each chemical needs a dosage, temperature, and time.

#	Process step	Chemical / agent	Dosage	Temp	Time
1	Desize				
2	Rinse				
3	Stone / enzyme				
4	Bleach (if any)				
5	Neutralize				
6	Softener				
7					

### Dosage discipline

State dosages against a defined basis (e.g. % on weight of goods, or g/L). A number with no basis cannot be reproduced in a different load size.

## 5 Drying & Finishing

Drying and finishing affect final shade, hand, and shrinkage — document them too.

Field	Detail
Extraction method	
Drying method & temperature	
Tumble time	
Pressing / finishing notes	

## 6 Shrinkage & Measurement Impact

Record washed-vs-unwashed change so the pattern and spec can be set correctly.

Measurement	Before wash	After wash	% change
Waist			
Hip			
Front rise			
Inseam			
Leg opening			

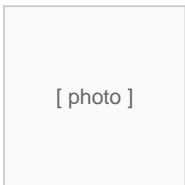
### Note

Shrinkage is a property of fabric + wash together. A new fabric lot or a changed wash step can shift these numbers — re-verify on the first bulk-lot sample before full production.

## About the source of this template

This template reflects how SkyKingdom approaches denim in real production — as an external denim product team for creator-led, DTC, and scaling brands. It covers fabric development, wash recipe documentation, sampling, AQL-supervised production, and reorder continuity. It is shared as a working tool, not as theoretical advice.

- 20 years of denim production in Xintang, Guangzhou
- Recognized as Best Quality Supplier — two consecutive years — by a top-3 Amazon US women’s apparel seller covering 190+ countries
- Network of partner factories, many founded by former SkyKingdom team members
- Covered by Xinhua News Agency and China News Service



### Founder, SkyKingdom

Independent denim product development consultant

Have a denim project to review? Send your design idea, reference images, or production question and we will look at what kind of support makes sense.

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