

# Paper Manufacturing BOM Pulp Quality Checklist

## Pulp Source Verification

Ensures traceability and compliance with sourcing guidelines.

### Pulp Type

- ☐ Virgin Pulp
- ☐ Recycled Pulp
- ☐ Mixed Pulp

### Pulp Lot Number

Enter a number...

### Date of Receipt

Enter date...

### Supplier Comments/Notes

Write something...

### Geographic Origin

- ☐ North America
- ☐ Europe
- ☐ Asia
- ☐ South America
- ☐ Africa

### Supporting Documentation

 Upload File

## Fiber Characteristics

Assessment of fiber length, strength, and other key properties.

### Average Fiber Length (mm)

Enter a number...

### Fiber Length Coefficient of Variation (%)

Enter a number...

### Refined Fiber Density (g/cm<sup>3</sup>)

Enter a number...

### Degree of Polymerization (DP)

Enter a number...

### Fiber Morphology (Select all that apply)

- ☐ Conical
- ☐ Flat
- ☐ Rounded
- ☐ Truncated

### Fiber Class (Primary)

- ☐ Hardwood
- ☐ Softwood
- ☐ Recycled

## Chemical Composition Analysis

Verification of chemical consistency and adherence to specifications.

### Lignin Content (%)

### Resin Content (%)

### Extractives Content (%)

### Calcium Carbonate Content (%)

### pH Level

☐ < 6

☐ 6 - 7

☐ > 7

### Bleaching Agent Used

☐ Chlorine Dioxide

☐ Hydrogen Peroxide

☐ Oxygen

☐ Other

### Notes on Chemical Composition

Write something...

## Contaminant Screening

Detection and quantification of potential contaminants impacting paper quality.

### Heavy Metal (e.g., Lead) Concentration (ppm)

Enter a number...

### Pesticide Residue Concentration (ppb)

Enter a number...


### Microbial Count (CFU/g)

Enter a number...

### Presence of Plastic Microfibers?

- ☐ Yes
- ☐ No
- ☐ Unknown

### Laboratory Analysis Report (PDF/DOC)

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### Description of any unusual observations during screening

Write something...

### Method used for contaminant screening

- ☐ GC-MS
- ☐ HPLC
- ☐ Microscopy
- ☐ Other

## Moisture Content Control

Confirmation that moisture levels are within acceptable limits for processing.

### Initial Moisture Content (%)

Enter a number...

### Target Moisture Content (%)

Enter a number...

### Measured Moisture Content (%)

Enter a number...

### Measurement Method

- ☐ Oven Drying
- ☐ Capacitance Meter
- ☐ Infrared Sensor

### Measurement Date

Enter date...

### Measurement Time

### Notes/Observations

Write something...

# Brightness & Opacity Evaluation

Measurement of brightness and opacity to ensure desired paper characteristics.

## Brightness (%)

Enter a number...

## Opacity (%)

Enter a number...

## Measurement Method

- ☐ TAPPI T 519
- ☐ ISO 2470
- ☐ Other

## Measurement Notes

Write something...

## Measurement Date

Enter date...

## Measurement Time

# Record Keeping & Documentation

Verification of complete and accurate records for all pulp quality assessments.

**Date of Assessment**

Enter date...

**Time of Assessment**

**Assessment ID**

Enter a number...

**Assessment Notes**

Write something...

**Assessor**

- ☐ Assessor 1
- ☐ Assessor 2
- ☐ Assessor 3

**Supporting Documentation**

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**Assessor Signature**



# Supplier Compliance Audit

Assessment of supplier adherence to quality standards and contractual obligations.

## Audit Date

Enter date...

## Audit Type

- ☐ Announced
- ☐ Unannounced

## Supplier Rating (1-5)

Enter a number...

## Non-Compliance Areas

- ☐ Quality Control
- ☐ Documentation
- ☐ Traceability
- ☐ Sustainability Practices
- ☐ Communication

## Corrective Action Plan

Write something...

**Supporting Documentation**

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**Auditor Signature**