

Standard Operating Procedure: Quality Management System

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Issued By: Quality Assurance Department

Company: Home Innovators (Pvt) LTD, Multan, Pakistan

1. Objective

To ensure that all textile products—including Yarn-Dyed Flannel, Institutional Linens, and Kitchen Towels—meet international export standards (AQL 2.5) regardless of the production site (In-house or Managed Partner Facility).

2. Scope

This SOP applies to the entire production lifecycle, from raw material procurement to final container sealing.

3. Phase I: Pre-Production & Vendor Validation

- **Factory Auditing:** All partner mills in the Home Innovators network must undergo a technical audit for machine calibration and social compliance.
- **Yarn Testing:** We independently verify yarn count, CSP (Count Strength Product), and twist per inch before weaving begins.
- **Master Sample Approval:** Production only commences after the buyer provides a signed "Gold Seal" sample and our lab approves the **Lab Dips** (Shade Matching) to a Grade 4/5 fastness level.

4. Phase II: During Production (The "Home Innovators" Oversight)

- **Initial Production Check (IPC):** Our on-site QC team inspects the first 10% of the run. We check for reed marks, oil stains, and pick-count accuracy.
- **During Production (DUPRO):** Weekly audits are conducted on GSM (Grams per Square Meter), dimensional stability (shrinkage), and stitching tension.

- **Managed Production Clause:** For toll manufacturing, a Home Innovators supervisor is physically present at the partner mill to ensure our proprietary "Weaving Settings" are maintained.

5. Phase III: Final Quality Gate & Laboratory Testing

- **4-Point Inspection System:** We utilize the international 4-point grading system for all fabric inspections.
- **Final Random Inspection (FRI):** Performed according to **ANSI/ASQC Z1.4 (AQL 2.5)** standards.
- **Lab Verification:** We perform internal tests for:
 - Tear & Tensile Strength
 - Color Fastness to Washing/Light
 - Absorbency (for Kitchen/Tea Towels)

6. Phase IV: Packing & Shipping Authorization

- **Carton Integrity:** Verification of burst strength for export cartons.
 - **Release Certificate:** No shipment leaves the premises without a signed "Quality Release Note" from the Home Innovators Lead Auditor.
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7. Document Authorization

Authorized by: *Adnan Shoukat* CEO, Home Innovators (Pvt) LTD

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