Bulletin 3 – Full Deck Restoration Workflow (Professional – Grade)

1. Pre-Inspection

Identify wood type (softwood vs hardwood)
Check for rot, loose boards, popped nails
Assess previous coatings (oil, acrylic, film-forming)

2. Cleaning Phase — Sodium Percarbonate

Mix SPC at 1–3% depending on soil load
Apply with pump sprayer or brush
Allow 10–20 minutes dwell
Agitate high-traffic areas if needed
Rinse with 500–1,200 PSI depending on wood type
Maintain 20–30 cm (8–12 in) nozzle distance

3. Brightening Phase — Oxalic Acid

Mix 8–12 oz (225–340 g) per 3.8 L (1 gal) of water
Apply evenly across entire deck
Allow 10–15 minutes to neutralize SPC alkalinity
Rinse thoroughly
Wood should return to a uniform, natural tone

4. Drying Phase

Allow 24–48 hours drying
Moisture content should be <15% before staining

5. Sanding (Optional but Recommended)

Spot-sand raised grain or fuzzing
Use 80–120 grit depending on wood type
Vacuum or blow off dust

6. Staining / Sealing

Apply oil-based or water-based stain depending on wood species
Follow manufacturer spread rates
Avoid over-application (causes tackiness and blotching)