

TOOLSVAULT MASTER TRADES - FIELD INSPECTION STANDARD
COMMERCIAL ROOFING & WATERPROOFING AUDIT SHEET

FORM TV-CR4

PROJECT / FACILITY NAME: _____

DATE: _____

BUILDING ADDRESS: _____

WEATHER / TEMP: _____

ROOF TYPE: ☐ TPO ☐ EPDM ☐ PVC ☐ Mod-Bit ☐ Standing Seam Metal

NDL WARRANTY #: _____

1. FIELD MEMBRANE & SURFACE INTEGRITY (ASTM / NRCA STANDARDS)

- | | |
|--|---|
| ☐ Field Seams & Lap Joints: Probed with dull cotter pin; zero fishmouths, voids, or delamination. | Status: ☐ PASS ☐ DEFECT |
| ☐ 48-Hour Ponding Water: Check low areas around drains; no standing water > 48h post-rain. | Status: ☐ PASS ☐ DEFECT |
| ☐ Punctures / Physical Damage: Document hail bruising, foot traffic cuts, dropped tool punctures. | Status: ☐ PASS ☐ DEFECT |
| ☐ Fastener Back-Out / Bridging: Check base plates & screws along insulation recovery board seams. | Status: ☐ PASS ☐ DEFECT |
| ☐ Ballast & Surfacing: Check rock coverage density / coating degradation / UV chalking. | Status: ☐ PASS ☐ DEFECT |

2. PARAPETS, FLASHINGS & EXPANSION JOINTS

- | | |
|---|---|
| ☐ Parapet Coping Metal: Fastened, continuous cleat engaged, sealants sound at end laps. | Status: ☐ PASS ☐ DEFECT |
| ☐ Base Flashings & Termination Bars: Minimum 8" vertical rise; mechanical fastenings tight & sealed. | Status: ☐ PASS ☐ DEFECT |
| ☐ Counterflashing & Reglets: Caulk lip intact; zero sealant shrinkage, cracks, or masonry spalling. | Status: ☐ PASS ☐ DEFECT |
| ☐ Expansion Joints & Wall Cleats: Bellows flexible; zero tears, rust, or membrane pullback. | Status: ☐ PASS ☐ DEFECT |
| ☐ Edge Drip & Gravel Stops: Hooked over continuous drip edge; nails sealed in hem. | Status: ☐ PASS ☐ DEFECT |

3. ROOFTOP PENETRATIONS, RTU CURBS & DRAINAGE

- | | |
|--|---|
| ☐ Primary Roof Drains: Dome strainers clear of debris; clamping ring bolts torqued. | Status: ☐ PASS ☐ DEFECT |
| ☐ Overflow Scuppers & Conductor Heads: Clear path; zero leaf/silt blockage; downspout intact. | Status: ☐ PASS ☐ DEFECT |
| ☐ Pipe Boots & Pitch Pockets: Pourable sealer crowned; stainless hose clamp seated. | Status: ☐ PASS ☐ DEFECT |
| ☐ RTU Curb Flashings & Corners: Target patches welded 100%; unit condensate piped to drain. | Status: ☐ PASS ☐ DEFECT |
| ☐ Structural Supports & Sleepers: Pipe stands on sacrificial walk pads; zero point-load crushing. | Status: ☐ PASS ☐ DEFECT |

4. CORRECTIVE ACTION DEFICIENCIES & COMPLIANCE SIGN-OFF

ITEMIZED DEFICIENCIES & REPAIRS REQUIRED:

CERTIFIED INSPECTOR SIGNATURE: _____ CERT # / TITLE: _____

FACILITY MANAGER / OWNER ACKNOWLEDGMENT: _____ DATE: _____

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