

Roof Inspection Data Collection Sheet

RAC Technical Field Form (example)

Purpose

This form documents **observable roof, attic, and related building conditions** necessary for technical evaluation and forensic analysis.

Section 1 – General Roof Information

- Building Type: Residential Commercial Multi-Family
- Roof Area Identifier: _____
- Roof Type: _____
- Estimated Roof Age: _____
- Known Repairs or Alterations: Yes No

Section 2 – Geometry & Drainage

- Roof Slope: Low Moderate Steep
- Drainage Type:
 - Internal drains
 - Scuppers
 - Gutters
- Evidence of ponding: Yes No

Section 3 – Deck & Attachment

- Deck Type: Wood Steel Concrete
- Attachment Method: Mechanical Adhesive Unknown
- Fastener Type (if visible): _____

- Fastener Pattern Observed: Yes No

Section 4 – Roofing Material Condition

- Cracking
- Splitting
- Punctures
- Displacement
- Corrosion
- Granule loss
- Impact marks
- Thermal distress

Section 5 – Flashings & Penetrations

- Flashings intact
- Terminations evaluated
- Edge metal secure
- Penetrations sealed
- Evidence of movement or separation

Section 6 – Environmental Exposure

- Wind exposure
- Snow/ice exposure
- Solar / UV exposure
- Adjacent structures affecting drainage or airflow

Section 7 – Attic & Interior Roof Assembly Inspection

(If accessible)

- Framing members observed:
 - Dry
 - Stained
 - Deteriorated
- Sheathing condition documented
- Ductwork present:
 - Properly sealed
 - Disconnected
 - Insulated / Uninsulated
- Insulation type and condition documented
- Evidence of compression or voids
- Venting type:
 - Soffit
 - Ridge
 - Gable
 - None
- Open air pathways observed (bypasses, chases, penetrations)

Section 8 – Observations & Notes

Disclaimer

This form documents only observable conditions and does not constitute a warranty or performance guarantee.

Reference (Informational)

This data collection form is structured to support documentation consistent with:

- NRCA Roofing Manual (roof system components and terminology)
- SMACNA Architectural Sheet Metal Manual
- ASTM International roofing material and attachment standards
- ASCE 7 – Minimum Design Loads

This form records observable conditions only and does not represent a design or performance evaluation.