

1. HEAT RISK ASSESSMENT – FILLABLE SITE FORM (ROOFING)

Project Information

- Project Name: _____
 - Location: _____
 - Date: _____
 - Supervisor: _____
 - Crew Size: _____
-

1. ENVIRONMENTAL CONDITIONS

- Air Temperature (°C): _____
- Humidity (%): _____
- Humidex (if available): _____
- Wind (circle): None / Low / Moderate / High
- Sun Exposure (circle): Shade / Partial / Full Sun

- ☐ Black/dark roof surface
 - ☐ Reflective surface (metal, membrane)
 - ☐ Torch-on / hot work
-

2. WORK ACTIVITY (CHECK ALL THAT APPLY)

- ☐ Light (inspection, walking)
- ☐ Moderate (tools, light material handling)
- ☐ Heavy (lifting, roofing installation, torch-on)

Notes: _____

3. PPE / FALL PROTECTION

- ☐ Harness + lanyard required
- ☐ High-vis clothing

- ☐ Gloves / long sleeves
- ☐ Restricted airflow

Adjustment applied:

- ☐ +1 risk level
 - ☐ +2 risk levels
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4. EXPOSURE DURATION

- ☐ <1 hour
 - ☐ 1–3 hours
 - ☐ 4+ hours continuous
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5. WORKER FACTORS

- ☐ New / not acclimatized
 - ☐ Returning after absence
 - ☐ Medical considerations
 - ☐ Dehydration concerns
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6. BASE HEAT RISK (CIRCLE)

- Low (<30 Humidex)
 - Moderate (30–33)
 - High (34–37)
 - Very High (38–41)
 - Extreme (≥ 42)
-

7. ADJUSTED FINAL RISK LEVEL

(Add:

- Heavy work = +1
- PPE/fall protection = +1

- Radiant heat = +1 to +2
- Worker risk factors = +1)

Final Risk Level (circle):

- Moderate
- High
- Very High
- Extreme

8. REQUIRED CONTROLS (CHECK ALL IMPLEMENTED)

Engineering

- ☐ Shade provided
- ☐ Cooling area available

Administrative

- ☐ Work-rest cycle implemented
- ☐ Work rescheduled (early/late)
- ☐ Crew rotation

Hydration

- ☐ Water available within work area
- ☐ Drinking enforced (15–20 min)

Monitoring

- ☐ Buddy system
- ☐ Supervisor actively monitoring

9. STOP WORK CHECK

- ☐ Humidex $\geq$ 45
- ☐ WBGT $\geq$ 32 (if used)
- ☐ Workers symptomatic
- ☐ Unable to control risk

☐ STOP WORK INITIATED (if applicable)

Supervisor Sign-Off

Name: _____

Signature: _____

Time: _____