Evidence Worksheet for Hot Water Burns

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Items needed for scene investigation

☐ **Thermometer** (Use of a scientific thermometer designed to measure liquid temperatures and which as been calibrated for accuracy is recommended.)

Brand: _____

☐ **Tape Measure**
☐ **Timer/Stopwatch**
☐ **Camera (film/digital)**

A

Case No.
Present Date:
Suspect Name:
Victim's Name:
Incident Location (within dwelling):
Address:
City/State/Zip:

A1

Type of Burn: ☐ Immersion ☐ Splash ☐ Running water ☐ Other (spill, splatter, etc.)

B

Water Heater Temperature Measurement: (Electric – Disconnect power before removing plates!)

Electric Water Heater
Brand:
Capacity:
Upper plate temp:
Lower plate temp:

Gas Water Heater
Brand:
Capacity:
Temperature Setting:

C

Incident Location Measurements (in inches): ☐ Bathtub ☐ Basin/Sink ☐ Other

Width:	Inside Depth:	*sketches*
Length:	Height from Floor:	
Distance to faucet handles:	Construction: (porcelain, fiberglass, etc.)	

D

Running Water Temperatures (Hot)
(in Fahrenheit or Celsius)

Seconds	Degrees	Seconds	Degrees
0	_____	45	_____
5	_____	60	_____
10	_____	120	_____
20	_____	180	_____
30	_____	_____	_____

Maximum Temp

(Full hot running water)		(Full H/C running water)**	
Peak temp.	Seconds	Peak temp.	Seconds
_____	_____	_____	_____

**(For a single handle faucet-use middle position)

Standing Hot Water in Incident Location
(temp. measured in middle of location, mid-depth)

Inches	Min/Second
1	_____
2	_____
3	_____
4	_____
5	_____
_____	_____
_____	_____

Minutes	Degrees
0	_____
1	_____
2	_____
3	_____
4	_____
5	_____
10	_____
30	_____
_____	_____

E

_____ ran water in _____ identified as source of burn injury.
Results: _____ inches of water. One minute after water turned off the mid-depth temperature is _____ degrees F/C.

Investigator #1: _____ ID #: _____ Department: _____
Investigator #2: _____ ID #: _____ Department: _____