GOVERNMENT OF WESTERN AUSTRALIA

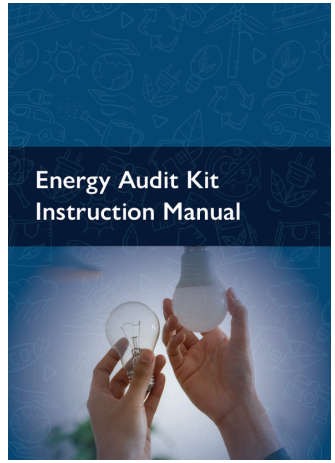
Department of **Energy, Mines, Industry Regulation and Safety**
Energy Policy WA

SWITCH YOUR THINKING

ENERGY AUDIT KIT
Test Observation Sheets

Use these observation sheets to record your test results obtained through the use of a Switch Your Thinking branded Energy Audit Kit. Refer to the Energy Audit Kit Instruction Manual provided with the kit for safety advice, test information, energy efficiency tips and resources.

Switch Your Thinking energy kits are available from more than100 libraries and Community Resource Centres throughout Western Australia.



Switch Your Thinking Energy Audit Kits have been funded by the Western Australian Government's Department of Energy, Mines, Industry Regulation and Safety

For a full list of participating local governments, upcoming free community and business workshops and other energy efficiency resources, visit **www.switchyourthinking.com/energy**

Switch Your Thinking
Energy Audit Observation Sheets

Record your findings on this sheet as you progress through your do-it-yourself energy audit

THERMOMETER

LOCATION	ITEM	READING °C	IDEAL °C	NOTES
Tap closest to hot water unit	Hot water		Storage 60°C Instantaneous 50°C	
Kitchen	Fridge		3°C to 5°C	
Kitchen	Freezer		-15°C to -18°C	
Shed/ outdoors	Fridge		3°C to 5°C	
Shed/outdoors	Freezer		-15°C to -18°C	
Living room	N/A		Summer 24°C to 26°C Winter 18°C to 20°C	
Bedroom 1	N/A			
Bedroom 2	N/A			
Bedroom 3	N/A			
Bedroom 4	N/A			

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THERMAL CAMERA

For best results, there should be a 10°C difference between inside and outside temperatures

LOCATION	ISSUE I.e. gap, insulation missing	ISSUE I.e. gap, insulation missing	ISSUE I.e. gap, insulation missing	NOTES
Bedroom 1				
Bedroom 2				
Bedroom 3				
Bedroom 4				
Living Room				
Kitchen				
Dining Room				
Hallways				
Bathroom 1				
Bathroom 2				
Laundry				
Office				
Toilet				

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POWER-MATE LITE ENERGY MONITOR					
APPLIANCE	**RUNTIME** minutes	**RUN TIME RESULTS** Watts / $ cost / emissions	**HOURLY READINGS** Watts / $ cost / emissions	**QUARTERLY READINGS** Watts / $ cost / emissions	**YEARLY READINGS** Watts / $ cost / emissions

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TAP FLOW MEASURING CUP

LOCATION	ITEM	FLOW RATE Litres per minute	IDEAL FLOW RATE	NOTES
Bathroom 1	Basin 1		4 litres per minute	
	Basin 2		4 litres per minute	
	Shower		5 – 9 litres per minute	
Bathroom 2	Basin 1		4 litres per minute	
	Basin 2		4 litres per minute	
	Shower		5 – 9 litres per minute	
Kitchen	Sink		6 – 8 litres per minute	
Laundry	Sink		8 litres per minute	
Outside	Tap 1		6 litres per minute	
	Tap 2			
	Tap 3			
	Tap 4			

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NOTES