

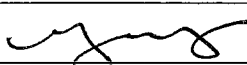


IWA Tiers of Performance Report

Cookstove	Manufacturer	Envirofit International
	Model	M5000 with Flat Bottom Pot Skirt (M5FPS)
Testing Center		Colorado State University
Protocol		Efficiency and Performance Test Protocol (EPTP)
Fuel Used		wood
Pot Used		7.5 Liter – Aluminum Kenyan Pot
Test Dates		5 Tests from 11/16/2011 – 1/6/2012

Please mark that these IWA reporting requirements have been met:

- These results were obtained in accordance with the IWA requirements (including gravimetric testing)
- This data and additional supporting data are shared publicly through the Clean Cooking Catalog (<http://catalog.cleancookstoves.org>)
- The testing organization does not have a financial stake in the stove being tested or an alternative stove.

Signature of Testing Center Representative	
Name of Testing Center Representative	MORGAN W. DEFORD

	Metric	Value	Unit	Sub-Tier
Efficiency/Fuel Use				
Tier	High power Thermal Efficiency	38.8	%	3
	Low power Specific Consumption		MJ/min/l	
Emissions				
Tier	High power CO	2.26	g/MJ _d	4
	Low power CO		g/min/l	
	High power PM 2.5		mg/MJ _d	
	Low power PM 2.5		mg/min/l	
Indoor emissions				
Tier	High power Indoor emissions CO	.151	g/min	4
	Low power Indoor emissions CO		g/min	
	High power Indoor emissions PM 2.5		Mg/min	
	Low power Indoor emissions PM 2.5		Mg/min	
Safety				
Tier	Points from 10 weighted safety parameters		points	

Tier 0 → Improving Performance → Tier 4



Individual Scores for Safety Assessment Criteria

Assessment Criteria	Score (1 – 4)	Multiplier
Sharp Edges and Points		1.5
Cookstove Tipping		3.0
Containment of Fuel		2.5
Obstructions Near Cooking Surface		2.0
Surface Temperature		2.0
Heat Transmission to Surroundings		2.5
Temperature of Operational Construction		2.0
Chimney Shielding		2.5
Flames Surrounding the Cookpot		3.0
Flames/Fuel Exiting Fuel Chamber, Canister, or Pipes		4.0