


July 10, 2015

The stove listed below has been tested in accordance with the *Water Boiling Test Version 4.2.3* Stove Testing Protocol

 IWA Tiers of Performance Report					
Stove Manufacturer	KIKE				
Stove Model	KD1				
Testing Center	Vashon, WA				
Test Protocol	Water Boiling Test - Version 4.2.3				
Fuel Used	Ethanol				
Pot Used	aluminum 7L				
Test Dates	6/11/2015 - 6/25/2015				
These results were obtained in accordance with the IWA and the Global Alliance for Clean Cookstoves' reporting requirements ¹ . This data and additional supporting data are shared publicly through the Clean Cooking Catalog.					
Name of Tester(s)	Jenny, Regan, Paige and Laura				
	Metric	Value	Unit	Sub-Tier	
Efficiency / Fuel Use					
Tier	3	High power Thermal Efficiency	43%	%	3
		Low power Specific Consumption	0.0064	MJ/min/l	4
Emissions					
Tier	4	High power CO	4.8	g/MJ _d	4
		Low power CO	0.012	g/min/l	4
		High power PM 2.5	10	g/MJ _d	4
		Low power PM 2.5	0.069	mg/min/l	4
Indoor Emissions					
Tier	4	Indoor emissions CO	0.17	g/min	4
		Indoor emissions PM 2.5	0.18	mg/min	4
Safety					
Tier		10 weighted safety parameters		Points	
Tier 0 → Improving Importance → Tier 4					
¹ Interim Stove Performance Reporting Requirements: http://www.cleancookstoves.org/our-work/standards-and-testing/guidelines-and-standards/guidelines--standards-documents/interim-stove-performance.pdf					

* Only two full water boil tests were used to calculate High and Low power PM and Indoor emissions PM sub-tiers due to a LEMS tubing blockage and lack of fuel. All other sub-tiers are based off of four full water boil tests.

The above results are certified by:



Paul M. Means

Research & Testing Manager
Burn Design Lab