

January 14, 2013



DEPARTMENT OF
MECHANICAL ENGINEERING
COLORADO STATE UNIVERSITY

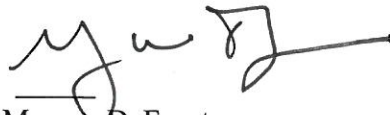
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Emissions and Performance Report

The stove listed below has been tested in accordance with the “*Emissions and Performance Test Protocol*”, with emissions measurements based on the biomass stove testing protocol developed by Colorado State University (available at www.eecl.colostate.edu). Percent improvements are calculated from traditional metal jiko performance data collected at Colorado State University.

Stove Manufacturer:	Envirofit International
Stove Model:	CH-4400
Test Dates:	11/16/2012-1/10/2013
Average CO emissions (grams):	19.0
80% Confidence Interval:	17.1-20.9
Percent Improvement:	77.0%
Average Fuel use (grams):	255.9
80% Confidence Interval:	252.4-259.3
Percent Improvement:	32.6%
Average Thermal efficiency:	32.4%
80% Confidence Interval:	31.9%-32.9%
Percent Improvement:	37.4%

The above results are certified by the Engines and Energy Conversion Laboratory at Colorado State University. All claims beyond the above data are the responsibility of the manufacturer.



Morgan DeFoort
EECL Co-Director
Technical Lead, Biomass Stoves Testing Program