



KATHMANDU UNIVERSITY

SCHOOL OF ENGINEERING

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RESULT OF THE PERFORMANCE TEST OF TWO POT MUD STOVE- PLAIN TYPE AND RAISE TYPE IMPROVED COOKING STOVE

The result of Water Boiling Test, conducted on Two Pot Mud Stove – Plain Type and Raise Type are as follows:

S.NO	Type of Test	Efficiency of Two Pot Mud Stove %	
		Plain Type %	Raise Type %
1	Cold Start	22	21
2	Hot Start	24	23
3	Simmering	17	14

These tests have been performed by researchers at Kathmandu University Biomass Stove Lab as per the National Testing Protocol developed by Alternative Energy Promotion Center/ Energy Sector Assistance Programme (AEPC/ESAP).

Stove Tested by:

Mr. Bijendra Shrestha

Research Assistant

Department of Mechanical Engineering

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Verified by:

Dr. Bim Prasad Shrestha

Head, Department of Mechanical Engineering

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Remarks:

Cold Start: Initial phase of the Water Boiling Test (WBT), Started at ambient temperature condition.

Hot Start: Second phase of the WBT, done immediately after the completion of Cold Start

Simmering: Final phase of WBT, carried out for 45 minutes, maintaining the water temperature at boiling point.