Date: 2012-7-21

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:

		Efficiency of Two Pot Mud Stove (%)	
S.NO	Type of Test	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: Verified by:

Mr. Bijendra Shrestha and Mr. Goverdhan Shrestha Research Assistant Department of Mechanical Engineering Kathmandu University Dr. Bim Prasad Shrestha Head, Department of Mechanical Engineering Kathmandu University

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.