

Stove Submission Process for Selection under IDCOL's ICS Program

1. NGOs/Private Companies can apply to IDCOL for selection/inclusion of improved cook stoves under its ICS Program. Requirements for application submission are as given below:
 - a. Forwarding letter to ED and CEO of IDCOL
 - b. Thermal Efficiency and Safety Test Results; IDCOL will accept the test results of the following institutions for Thermal Efficiency and Safety measurements:
 - i. Dept. of Chemical Engineering of BUET
 - ii. Institute of Energy of University of Dhaka
 - iii. IFRD of BCSIR
 - c. Emission and IAP Test Results; IDCOL will accept the test results of the following institutions for Emission and IAP measurements:
 - i. Dept. of Chemical Engineering of BUET
 - ii. Bangladesh Atomic Energy Commission (BAEC)
 - d. The Tests should be conducted as per WBT 4.2.3 Protocol.
 - e. The picture of the stoves during all three stage of the WBT test – High Power Cold Start, High Power Hot Start and Simmering.
 - f. Reasonably complete information of the stove including its technical specifications, drawings, production materials, estimated price, weight, and fuel requirements.
 - g. Sample of the stove: The stove should be the same which underwent the tests mentioned above and this is to be certified by the testing institution
2. Institutions mentioned in point b and c above can collaborate with each other for conducting the tests; in such cases, the principal testing institute should be the institute mentioned under point b.
3. The criteria for selection of biomass cook stoves under IDCOL ICS Program are:
 - a. Efficiency – $2*STD \geq 25\%$
 - b. $CO + 2*STD \leq 25$ ppm or ≤ 0.49 g/min
 - c. $PM_{2.5} + 2*STD \leq 750$ $\mu\text{g}/\text{m}^3$ or ≤ 8 mg/min
 - d. Safe and User friendly
4. Any stove that do not comply with above criteria will not be considered for selection under IDCOL's ICS Program. The selection criteria may be revised by the Technical Committee of IDCOL's ICS Program from time to time.
5. All the necessary documents as mentioned in Point #1 should be delivered to Mr. A F M Shahed, AVP, Unit Head, IDCOL ICS Program, Infrastructure Development Company Limited (IDCOL), 8 Panthapath, Kawran Bazar, Dhaka – 1215.

6. Sample of the stove as mentioned in Point #1 can be delivered to Mr. Mashiur Rahman, Junior Officer, IDCOL Technical Monitoring Facility, Gate No. – 7, 3rd Floor, 147/1/1, Monipuri Para, Old Airport Road, Dhaka.
7. For any issue, please email to ics@idcol.org or call 9102171-8, Ext: 255.
8. Contact Information of the Testing Institutes:
 - a. Department of Chemical Engineering
Bangladesh University of Engineering and Technology (BUET)
Contact Person: Md. Mominur Rahman, Assistant Professor
Email mrrahman.rahman@gmail.com
Contact # +8802 9665650 EXT: 6730
 - b. Institute of Energy, University of Dhaka
Contact Person: Dr. S. M. Nasif Shams, Lecturer
Email nasifshams@gmail.com
Contact # +880 1983444555
 - c. Institute of Fuel Research & Development (IFRD)
Bangladesh Council for Scientific and Industrial Research (BCSIR)
Contact Person: Dr. Md. Abdur Rouf, Principal Scientific Officer
Email roufmd@yahoo.com
Contact # +880 1556318036
9. IDCOL reserve the right to accept or reject any stove without assigning any reason.