

F. No. Q-16019/6/2017-CPHEEO
Government of India
Ministry of Housing and Urban Affairs
(CPHEEO)

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Nirman Bhawan, New Delhi
Dated: 12th December, 2017

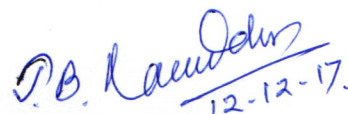
OFFICE MEMORANDUM

Subject: Minutes of the 1st Meeting of Expert Committee to prepare "Standards/Norms for Refuse Derived Fuel (RDF) from Municipal Solid Waste for its utilization in Cement Kilns, Waste to Energy Plants and similar other installations" held on 15th November, 2017 in New Delhi.

A copy of the minutes of the 1st meeting of Expert Committee to prepare "Standards/Norms for Refuse Derived Fuel (RDF) from Municipal Solid Waste for its utilization in Cement Kilns, Waste to Energy Plants and similar other installations" held under the Chairmanship of Dr. N. B. Mazumdar on 15th November, 2017 in New Delhi is enclosed for information and necessary action.

The notes on the subject received on behalf of NTPC and SAIL are also attached please.

Encl: As above.


12-12-17.


(J. B. Ravinder)
Joint Adviser (PHEE)
Tel: 23061043

To

✓ All Expert Committee Members

Copy for information to:

1. JS & MD (SBM)
2. Director (SBM)/ DS (SBM)


(J. B. Ravinder)
Joint Adviser (PHEE)
Tel: 23061043

Minutes of Meeting

Expert Committee to prepare “Standards/Norms for Refuse Derived Fuel (RDF) from Municipal Solid Waste for its utilization in Cement Kilns, Waste to Energy Plants and similar other installations.

The 1st meeting of 'Expert Committee to prepare “Standards/Norms for Refuse Derived Fuel (RDF) from Municipal Solid Waste for its utilization in Cement Kilns, Waste to Energy Plants and similar other installations' was held on 15.11.2017 at 12.00 Noon in CPWD Conference Room No. 103-C, Nirman Bhawan, New Delhi under the Chairmanship of **Dr. N. B. Mazumdar** The list of participants is at **Annexure-I**.

At the outset, **Mr. V. K. Chaurasia, Member Secretary** welcomed the members and briefed the participants on importance of RDF standardisation and agenda of the 1st meeting. He informed the Committee that **Mr Gautom Reddy, Dr. Ashish Chaturvedi and Mr. Sreenivas Rao** have sought a leave of absence.

Mr V.K Jindal, Joint Secretary and Mission Director (SBM) in his key note address highlighted the current status and challenges in municipal waste processing, viability of waste to energy plant and assured that all policy level interventions required for the subject shall be taken by the Ministry.

Mr. N. B. Mazumdar, Chairman read the terms of reference of the committee for the members. Chairman also stated that objective of this meeting is RDF standardisation for various uses. To promote the use of RDF, the need of financial incentives to make it viable and sustainable business model is also highlighted. Chairman invited views of members representing the industry.

Mr. DBSSR Sastry, AVP (M/s Ramky) gave his presentation and emphasised that waste to energy plant do not required any specific standards for RDF for its use. On this, **Mr V K Chaurasia**, Member Secretary cautioned that in absence of any standards, use of RDF from other urban local bodies in waste to energy plants can be challenging. The existing ASTM global standards have categorised RDF in four grades with respect to moisture, calorific value (CV) and size. Moreover, SWM Rules, 2016 also allows for using combustible waste having more CV than 1500 kcal/kg. Since the