

हिमाचल प्रदेश सरकार

This Memorandum of Understanding (MoU) for Co-processing of Plastic Waste from Designated Urban Local Bodies (ULBs) is entered as per list of ULBs at Annexure-A.

Between

Ultratech Cement Limited, (Unit - Baga Cement Works at Village - Baga, Post Office- Kandhar, Tehsil- Arki, Distt- Solan) (Himachal Pradesh) a Company incorporated under the Indian Companies Act, 1956, having its Registered Office at "B" Wing, 2nd Floor, Ahura Center Mahakali Caves Road, Andheri (East) Mumbai 400 093, India (hereinafter referred to as "UTCL" which expression shall, unless repugnant to the context, mean and include its successors and assigns of the first Part of this MOU.

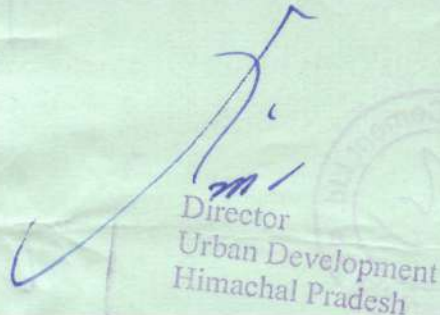
And

Designated Urban Local Bodies (ULBs) of Himachal Pradesh, through Director, Urban Development Department, Government of Himachal Pradesh (herein after referred to as "Authorized signatory") of the second part of this MOU.

Both UTCL and Authorized signatory shall be collectively addressed / referred to as "the Parties" and individually as "Party" herein after in this Agreement.

WHEREAS,

UTCL is a flagship company of Aditya Birla Group and it is the largest manufacturer of cement in India and one of the leading cement producers



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globally. As the largest cement producer in India, we continually strive to play a key role in finding effective and responsible ways to preserve the environment - a Cement Sustainability Initiative.

Co-processing of waste in cement kiln refer to a complete end to end solution for the management and disposal of both municipal and industrial waste. Due to the high temperature and long residence time in cement kiln all type of waste can be effectively disposed without any harmful; emission. Co-processing is indeed a more environment suitable disposal method as compared to land filling and incineration because of reduced emission and no residue after the treatment.

Therefore, it relieves the waste generator of any future liability which may accrue due to waste disposal by processes like land filling and incineration; and provide the peace of mind.

This transaction is being initiated regarding co-processing of plastic waste generated in Designated ULBs, in UTCL cement kiln at Baga Cement Works.

Designated ULBs collects community generated plastic waste and is interested in its disposal through environmentally sound technologies. The Director, Urban Development Department, H.P. has approached UTCL to dispose the plastic wastes through co-processing in the cement kiln of UTCL at Baga Cement Works.

The Parties have decided to enter into this MoU to record their broad nonfinancial undertaking regarding the aforesaid transaction as hereinafter appearing.

NOW THIS MOU WITNESSES AS FOLLOWS:

Following shall be the responsibilities of UTCL and Designated ULB in the kiln co-processing activities of the Waste Material.




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A. Responsibilities of Designated ULB:

1. Designated ULB will segregate the dry waste into two parts i.e., recyclable and non-recyclable. Only non-recyclable material such as multilayered plastic, rags, single use plastic etc. shall be segregated which is Segregated Combustible Fraction (SCF).
2. Moisture content shall not be more than 20%. As far as possible care shall be taken to send dry waste.
3. Designated ULB shall pack the SCF in the packing material supplied by the cement company.
4. After baling the SCF, bales shall be kept in dry and safe place for further transportation to cement plant and inform the cement plant and inform the nodal officer accordingly.
5. Designated ULB will show to UTCL representative the waste plastic generated in its Municipal Ward.
6. Designated ULB shall collect, segregate, and ensure that the plastic waste is packed in polythene/ scrap cement bags of size around 700 x 450 mm, tie or seal the bags properly to avoid any leakage/fall off.
7. Designated ULB shall keep the segregated combustible fraction (SCF) and inform the UTCL nodal officer when it becomes a truck load for transportation
8. Designated ULB shall ensure that the waste consignment delivered by them is in a form that is easily co-processable. If in case the waste is deemed to be non-co-processable by UTCL Baga Cement Works, the consignment will be taken back by concerned ULB at its own cost within a period of 2 days of informing about the rejection of such waste material.
9. Designated ULB shall take all applicable statutory clearances as required for storage, handling of plastic waste at their site & its transportation to cement plant of UTCL.
10. Designated ULB shall follow all applicable Rules and Regulations as per Solid Waste Management Rules, 2016 and Pre & Co-Processing Guidelines 2017 for this MoU.




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11. Designated ULB shall follow Annexure B, C & D attached herewith this MoU.

12. ULB shall obtain a receipt from the UTCL cement plant, Baga regarding handing over of the quantity of SCF on the following performa.

Name of ULB	Date	Quantity of SCF in Kgs	Vehicle no. in which waste sent to UTCL	Signature of receiving by UTCL representative

B. Responsibilities of UTCL Baga Cement Works for Co-processing:

1. UTCL has appoint nodal officer to communicate with Urban Development Department, H.P. and ULBs. The contact number of the nodal officer shall be shared with the UDD/ULB for communication.
2. packing material shall be arranged by ULBs without any cost to UTCL.
3. As per requirement of UTCL shall make all necessary arrangements for transportation of SCF so that ULB shall make arrangement accordingly. UTCL shall organize unloading and storage of the material at their works.
4. UTCL will take all steps to ensure that each consignment of waste is co-process able if they are accepted after testing and acceptance process.
5. UTCL shall take all statutory clearances for unloading, storage and co-processing of plastic at its cement plant.
6. UTCL shall carryout the regular co-processing of the waste materials by organizing the necessary resources.
7. If in case the plastic waste from Designated ULB is delivered to UTCL Baga Cement Works in a form which could deem it unsuitable to co-process, UTCL has an option to reject the consignment. In such a



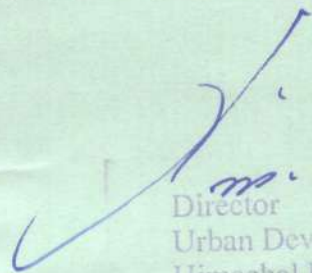
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case UTCL will inform the Designated ULB of the capricious consignment and return the consignment back to the same municipality at no cost and risk to UTCL.

8. For the materials disposed by UTCL during regular co-processing, UTCL shall provide to Designated ULB a certificate of disposal at agreed frequency mentioning the quantity of waste disposed for their records.
 9. ULB will provide GST Number with all dispatch material for the compressive EPR PWP Registration/Compliance.
 10. The transportation arrangement will be made free of cost by UTCL as backload of the trucks after returning from delivery of cement supply.
- C. The parties shall comply with all the statutory requirements which may be specifically applicable to them in connection with this transaction.
- Each Party shall indemnify the other party against any demands, damages, claims, cost, expenses etc. claimed by any third party on account of violation of the terms of this Agreement and / or statutory noncompliance by such indemnifying Party.
- D. Both Parties agree that they shall have the option to terminate this agreement with a written notice of 30 days without attributing any reason for such termination.
- E. Further, the Designated ULB agrees that it / its personals / transporters etc. will strictly follow the Safety policy and Rules of UTCL as provided in Annexure D to this MoU.
- F. The Transport Unions will adhere to the Government decision to allow trucks carrying plastic waste from designated ULBs as backload.
- G. This MoU for Co-processing of Plastic Waste shall be valid for a period of three years i.e., until December, 2026 as agreed by both the Authorized




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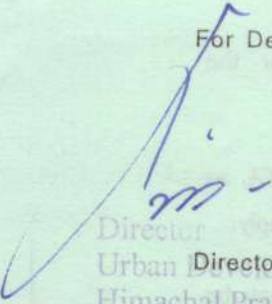
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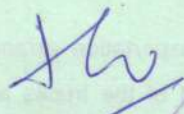
signatory and UTCL, with an option of renewal with mutually agreed additional terms in writing as consented subsequently by both parties.

Dated on 8th of Dec, 2023 at Directorate of Urban Development, Himachal Pradesh.

For Designated ULBs

For Ultratech Cement Limited

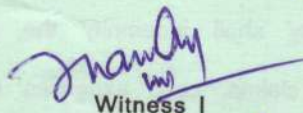

Director, Urban Development
Himachal Pradesh
Department, H.P.


Nodal officer

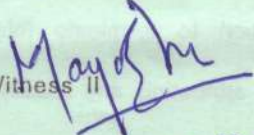



Witness I

Rajinder Chohan
Asst. offn UD


Witness I

Sharad Kumar
Manager - Env. cell.


Witness II

MAYANK
S.M.

Witness II



ANNEXURE A

List/Names of Designated ULBs

S. No.	District	Name of ULBs
1.	Hamirpur	Municipal Council Hamirpur
2.		Nagar Panchayat Bhota
3.		Nagar Panchayat Nadaun
4.		Municipal Council Sujanpur
5.	Una	Municipal Council Una
6.		Municipal Council Santokhgarh
7.		Municipal Council Mehatpur
8.		Nagar Panchayat Tahliwal
9.		Nagar Panchayat Gagret
10.		Nagar Panchayat Daulatpur
11.	Sirmaur	Nagar Panchayat Rajgarh
12.	Solan	Municipal Corporation Solan
13.		Nagar Panchayat Kandaghat
14.	Shimla	Municipal Council Theog
15.		Municipal Council Kotkhai
16.		Municipal Council Rampur
17.		Municipal Council Rohroo
18.		Nagar Panchayat Chirgaon
19.		Nagar Panchayat Nerwa
20.		Nagar Panchayat Chopal
21.		Nagar Panchayat Narkanda
22.	Chamba	Municipal Council Chamba
23.		Municipal Council Dalhousie
24.		Nagar Panchayat Chowari

सूचक भारत

एक कदम स्वच्छता की ओर



Results of analysis of waste sent to UTCL cement plant Baga

The waste sample shall be sent by Designated ULB to R&D of UTCL and it shall comply to the standards as mentioned below:


1. Waste Specifications: Plastic/co-process able Waste (as received)

Components	Plastic Waste
%Moisture (As recd.)	< 20%
CV (Kcal/Kg) (ODB)	>2500

Note:

- Waste should be properly sealed and packed in bags as mentioned above in MoU.
- Waste should be consistent in terms of quality and similar to the samples send for testing to our lab.




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ANNEXURE C

List of Banned Items

The Plastic Waste dispatched by Designated ULB's Collection Area to the UTCL's Cement Plant shall not contain following items that are in the banned item list of UTCL for Co-processing.

- Radioactive waste - (रेडियोधर्मी अपशिष्ट)
- Asbestos-containing waste - (अभ्रक युक्त अपशिष्ट)
- Explosives and ammunition / weapons - (विस्फोटक और गोला बारूद/ हथियार, शस्त्र)
- Anatomical medical waste - (चिकित्सा अपशिष्ट)
- Electronic fraction of electrical and electronic waste (e-waste)- (इलेक्ट्रॉनिक कचरा)
- Whole batteries as a targeted material stream - (बैटरी आदि)
- Wet compostable waste - (गीला खाद योग्य अपशिष्ट)
- Waste of unknown or unpredictable composition, including unsorted/mixed municipal waste - (अज्ञात या अप्रत्याशित रचना अपशिष्ट तथा मिश्रित नगरपालिका अपशिष्ट)



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