

**This Memorandum of Understanding (MoU) for Co-Processing of Plastic Waste from Designated Urban Local Bodies (ULBs) is entered as per the list of Annexures attached herewith 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 and having its Registered Office at "B" Wing, 2nd Floor, Ahura Centre Mahakali Caves Road, Andheri (East) Mumbai 400 093, India (hereafter referred to as the "UTCL" which expression shall, unless repugnant to the context, means 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 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 generators of any future liability which may accrue due to waste disposal by process like land filling and incineration, and provide the peace of mind.***

This transaction is being initiated further to the meeting held with Addl. Chief Secretary (Env. Science & Technology) to the Govt of H.P on 24<sup>th</sup> Sept, 2019 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 for its disposal through environmentally sound technology. The Director of Urban Development Department to the Govt of H.P has approached UTCL to dispose the segregated plastic waste 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 non-financial undertaking regarding the aforesaid transaction as hereafter appearing.



A handwritten signature in blue ink is located at the bottom right of the page.



**NOW THIS MOU WITNESSES AS FOLLOWS:**

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

**A. Responsibilities of Designated Urban Local Bodies (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. After baling the SCF, bales shall be kept in dry and safe place for further transportation to cement plant and inform the cement plant nodal officer accordingly.
4. Designated ULB will show to UTCL representative the waste plastic generated in its Municipal Ward.
5. 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.
6. Designated ULB shall keep the segregated combustible fraction (SCF) and inform the UTCL nodal officer when it becomes a truck load for transportation.
7. 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.
8. Designated ULB shall take all applicable statutory clearances as required for storage, handling of plastic waste at their site & its transportation to Baga Cement Works.
9. 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.
10. Designated ULB shall follow Annexure B, C & D attached herewith this MoU.
11. ULB shall obtain a receipt from the Baga Cement Works, 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 Baga Cement Works	Signature of receiving by UTCL representative





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

1. UTCL shall 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. UTCL shall make all necessary arrangements for transportation of SCF once in a week/month as per schedule to be notified by the UTCL so that ULB shall make arrangement accordingly.
  3. UTCL shall survey the storage area used for storing plastic waste free of cost along with the Municipalities' representative, and confirm to Designated ULB that their segregated plastic waste can be safely disposed through co-processing at UTCL - Baga Cement Works, if provided in the size of 700x450mm bundles/bags.
  4. UTCL shall organize unloading and storage of the material at their plant.
  5. 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.
  6. UTCL shall take all statutory clearances for unloading, storage and co-processing of plastic at its cement plant.
  7. UTCL shall carryout the regular co-processing of the waste materials by organizing the necessary resources.
  8. If in case the plastic waste from Designated ULB is delivered to UTCL Limited - Baga Cement Works in a form which seems unsuitable to co-process, UTCL has an option to reject the consignment. In such a 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.
  9. For the materials disposed by UTCL during regular co-processing, UTCL shall provide to Designated ULBs a certificate of disposal at agreed frequency mentioning the quantity of waste disposed for their records.
  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 60 days without attributing any reason for such termination.
- E.** Further, the Designated ULBs agrees that it / its personals 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.



A handwritten signature in blue ink, consisting of a stylized cursive script.



Nº 1816828

2  
0  
1  
8

# Himachal Government Judicial Paper

G. This MoU for Co-processing of Plastic Waste shall be valid for a period of **one year** i.e. until **Oct, 2020** as agreed by both parties, Authorized signatory and UTCL, with an option of renewal with mutually agreed additional terms in writing as consented subsequently by both parties.

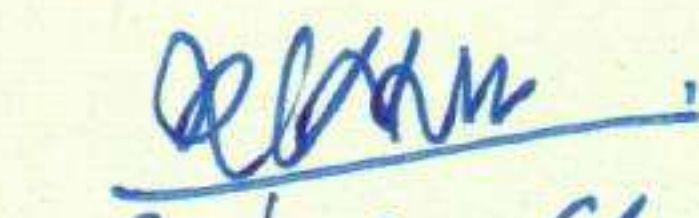
On this 21st day of Nov., 2019 at Director of Urban Development Himachal Pradesh.

For Designated ULBs




(Director, Urban Development)  
Department, Himachal Pradesh

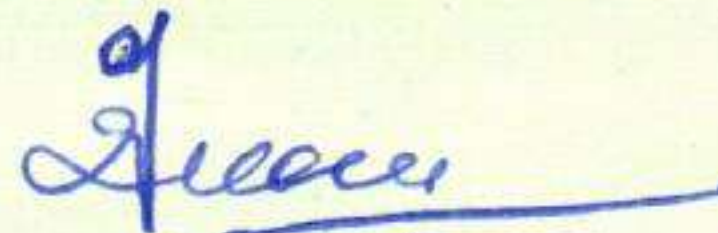
Witness I

  
(Rajendra Chandra)  
PO (UD)

Witness II

  
(Amar)  
Superintendent

For UltraTech Cement Limited  
(Unit: Baga Cement Works)

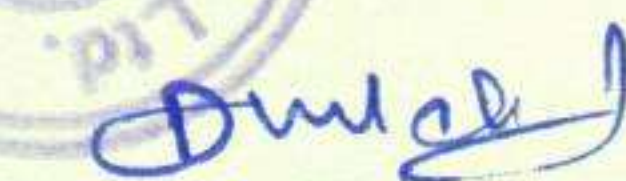
  
(M. Rana Khan)

(Authorized Signatory)


Project Head (Himachal Pradesh)



Witness I

  
(D.C. Sharma)

Witness II

  
(Rajendra Chandra)  
PO (UD)

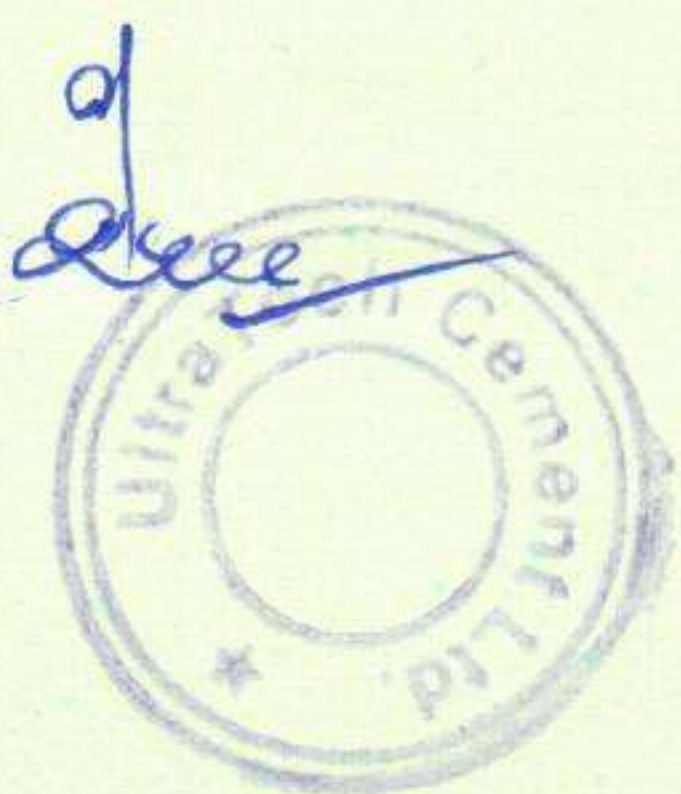
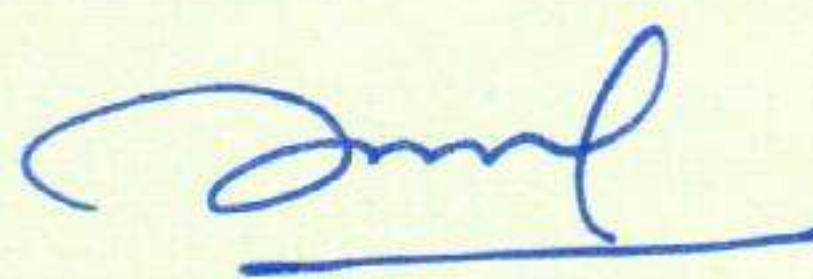




ANNEXURE- A

## List/ Names of Designated ULBs

S. No.	District	Name of ULBs
1.	Hamirpur	Municipal Council Hamirpur
2.		Municipal Council Nadaun
3.		Municipal Council Sujanpur
4.		Nagar Panchayat Bhota
5.	Una	Municipal Council Una
6.		Municipal Council Santokhgarh
7.		Nagar Panchayat Mehatpur
8.		Nagar Panchayat Daulatpur
9.		Nagar Panchayat Gagret
10.		Nagar Panchayat Tahliwal





ANNEXURE- B**Results of analysis of Plastic Waste sent to UTCL Limited, Baga Cement Works.**

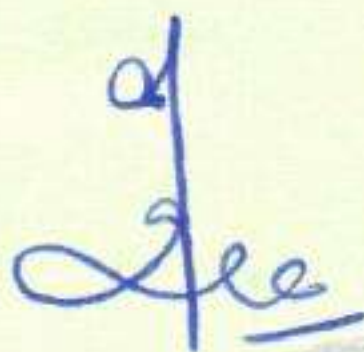
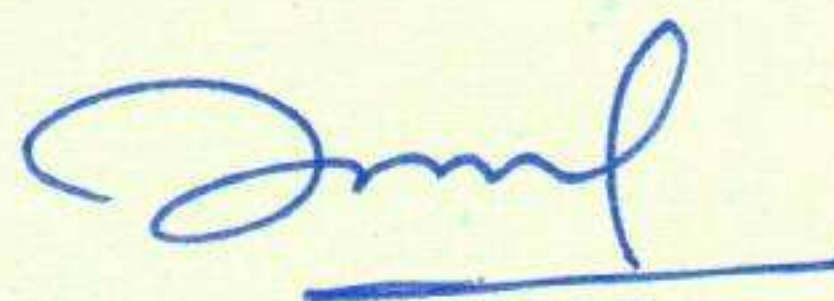
The waste sample shall be sent by Designated ULB to Q.C Lab of UTCL and it shall comply with the standards as mentioned below:

**1. Plastic Waste Specifications: Plastic/co-processible Waste (as received)**

Components	Plastic Waste
% Moisture (As recd.)	< 20%
CV (Kcal/Kg) (ODB)	>2,500

**Note:**

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

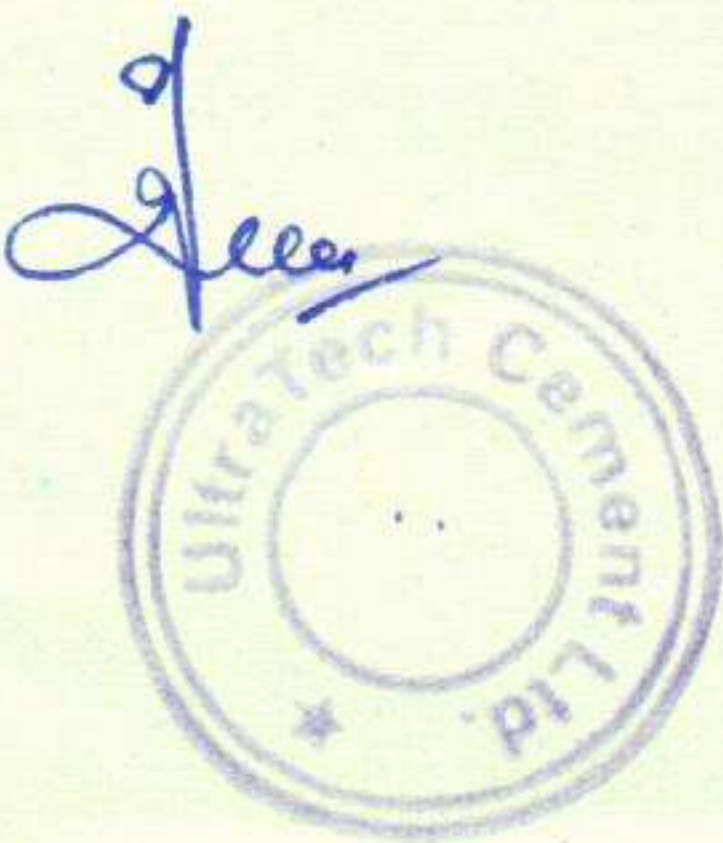
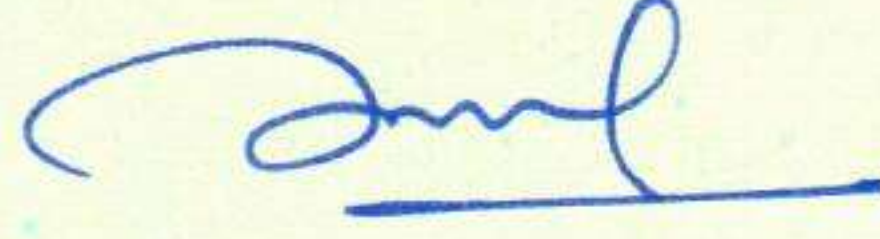




ANNEXURE- C**List of Banned Items**

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

- Radioactive waste - (रेडियोधर्मी अपशिष्ट)
- Asbestos-containing waste - (अभ्रकयुक्त अपशिष्ट)
- Explosives and ammunition / weapons - (विस्फोटक और गोलाबारूद / 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)





ANNEXURE – D

## Occupational Health &amp; Safety Policy of UTCL

**Occupational Health Policy**

UltraTech Cement recognizes that occupational health is an important means for social and economic productivity of people, companies, communities and nations. We are committed to prevention of occupational diseases and protection of health and well-being of our employees, contractor employees, agency staff, visitors and society at large.

UltraTech endeavors to achieve this by:

- Maintaining positive legal compliance to applicable health regulations;
- Ensuring access to basic occupational health services and providing competent and adequate resources including personal protective equipment;
- Identifying process exposure & other occupational health hazards and assessing & managing occupational health risks to as low as reasonably practicable (ALARP) at all facilities;
- Proactively addressing occupational and community health issues during the planning phase of acquisitions, mergers and new projects;
- Pursuing excellence through continual improvement of infrastructure and business processes, promoting best work practices and innovations to minimize exposure to health hazards;
- Ensuring adequate emergency response capability in case of medical emergency;
- Measuring, monitoring and benchmarking of health surveillance, sickness, absenteeism, rehabilitation and recovery programmes as required;
- Safeguarding medical confidentiality; and
- Fostering awareness through health education, training and promotional activities.
- Carry out periodical reviews to ensure that the policy continues to be relevant and

Kalleah Jhanwar  
Occupier

November 2018







## Safety Policy

UltraTech Cement is committed to continually improve standards in Safety, with the aim of providing and maintaining a safe and healthy work environment for employees, customers, business associates, suppliers and visitors.

UltraTech believes that:

- Injuries can be prevented
- Safety is a business imperative and
- Consultation and employee involvement is essential to achieve Safety excellence.

UltraTech shall ensure that appropriate resources are provided and actions taken to implement and maintain an effective Safety management system so that employees are passionate about their own health and safety at work and beyond the work place too.

Every employee, including line managers, is responsible for the effective implementation of the Safety systems across the business.

Consistent with this, UltraTech shall:

- Strive for continual improvement in Safety management system;
- Ensure that the policy is communicated to all employees and is made available to all interested parties;
- Comply with relevant statutory requirements, codes of practice and industry standards relating to installation, design and maintenance;
- Provide a safe work place by identifying, assessing and reducing risks to as low as reasonably practicable (ALARP) from process, machinery, infrastructure and human behaviour;
- Provide information, instruction, training and supervision to empower people to perform their roles in a safe manner, hence to safeguard life and avoid property damage;
- Involve employees, business associates, distributors and suppliers in Safety matters, initiatives and consult with them in ways to reduce workplace hazards;
- Report all incidents, investigate thoroughly and implement control measures to prevent recurrence;
- Continue to strengthen our systems, standards and procedures for preventing and mitigating any potential emergency situations.
- Develop and implement Safety Objectives that are consistent with Aditya Birla Group guidelines;
- Carry out periodical reviews to ensure that the policy continues to be relevant and appropriate;

Safety is both an individual and shared responsibility of all employees, business associates, and other persons involved with UltraTech operations

Kailash Jha  
Occupier

November 2018

