

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 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 ACC and Designated ULB in the kiln co-processing activities of the Waste Material.

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).



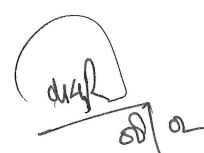
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2. Moisture content shall not be more than 20%. As far as possible care shall be taken to send dry waste.
3. Designated ULB shall pack the SCF in the packing material supplied by the cement company.
4. After baling the SCF, bales shall be kept in dry 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.
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.


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

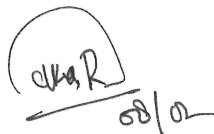
B. Responsibilities of UTCL Baga Cement Works for Co-processing:

1. UTCL shall survey the plastic free of cost along with the Municipalities' representative, and confirm to Designated ULB that they can be safely disposed through co-processing at UTCL Baga Cement Works.
2. UTCL shall organize unloading and storage of the material at their works.
3. 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.
4. UTCL shall take all statutory clearances for unloading, storage and co-processing of plastic at its cement plant.
5. UTCL shall carryout the regular co-processing of the waste materials by organizing the necessary resources.
6. 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 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.
7. 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.

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


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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. This MoU for Co-processing of Plastic Waste shall be valid for a period of three years i.e. until 7th Dec, 2023 as agreed by both the Authorized signatory and UTCL, with an option of renewal with mutually agreed additional terms in writing as consented subsequently by both parties.

Dated on 8th day of December, 2020 at Directorate of Urban Development, Himachal Pradesh.

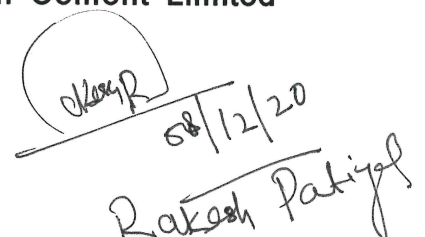
For Designated ULBs



Director, Urban Development

Department, H.P.


For Ultratech Cement Limited



08/12/20
Rakesh Patil

Director Plant

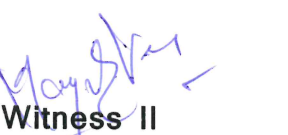
Witness I



{BALDEV BHATTI}
Sanitation Expert
UDD, H.P.

Witness I

Witness II



{MAYANK VERMA}
MIS Expert
UDD, H.P.

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

ANNEXURE B

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.

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)



सुरक्षा नीति

अपने कर्मचारियों, ग्राहकों, व्यवसायिक सहयोगियों, आपूर्तिकर्ताओं तथा आगंतुकों के लिये एक सुरक्षित एवं स्वस्थ कामकाजी वातावरण प्रदान करने और उसे बनाये रखने के लिए अल्ट्राटेक सिमेंट सुरक्षा मानकों में निरन्तर सुधार करने हेतु प्रतिबद्ध है।

- अल्ट्राटेक मानता है कि;
- चोटोंको रोका जा सकता है;
- व्यवसाय के लिए सुरक्षा अनिवार्य है; यव

सुरक्षा उत्कृष्टता प्राप्त करने के लिए परामर्श तथा कर्मचारियों की भागीदारी आवश्यक है।

एक प्रभावी सुरक्षा प्रबंधन प्रणाली लागू करने और उसे बनाए रखने के लिए अल्ट्राटेक सुनिश्चित करेगा कि उचित संसाधन प्रदान किए जाएं और सही कारवाई की जाए जिससे कर्मचारी स्वयं कि सुरक्षा और स्वस्थ को लेकर न केवल अपने कार्यस्थल पर बल्कि अन्य जगहों पर भी उत्साही रहें।

सुरक्षा प्रणालियों के प्रभावी कार्यान्वयन के लिए लाइन मैनेजर और व्यवसाय का हर कर्मचारी जिम्मेदार है।

अल्ट्राटेक इसके तहत:

- सुरक्षा प्रबंधन में निरन्तर सुधार के लिए प्रयास करता रहेगा;
- सुनिश्चित करेगा कि सुरक्षा नीति सभी कर्मचारियों को सुचित की जाए तथा सभी इच्छुक वर्गों को उपलब्ध कराई जाए;
- स्थापना, रचना तथा रखरखाव संबंधित उपयुक्त वैधानिक आवश्यकताओं, नियमावली तथा उद्योग मानकों का पालन करेगा;
- प्रक्रिया, यंत्रावली, आधारीक संरचना और मानविक व्यवहार से उत्पन्न जोखिमों की पहचान एवं आकलन कर उसे व्यवहारिक रूप से यथासंभव कम करके एक सुरक्षित कार्यस्थल उपलब्ध कराएगा;
- जीवन कि सुरक्षा और संपत्ति को नुकसान से बचाने के लिए जानकारी, निर्देश, प्रशिक्षण तथा पर्यवेक्षण द्वारा लोगोंको अपनी भूमिकाएं सुरक्षित ढंग से निभाने के लिए सशक्त करेगा;
- कार्यक्षेत्र के खतरों को कम करने हेतु कर्मचारियों, व्यवसायिक सहयोगियों, वितरकों और आपूर्तिकर्ताओं को सुरक्षा विषयों तथा पहेलों में भागीदार बनाकर उनसे परामर्श करेगा;
- सभी घटनाओं की रिपोर्ट करेगा, संपुर्ण जांच करेगा और पुनरावृत्ति रोकने के लिए नियन्त्रणकारी उपायोंको लागू करेगा;
- संभावित आपात्कालीन स्थितियों को रोकने और उनके प्रभावों को कम करने हेतु अपनी प्रणालियों, मानकों एवं प्रक्रियाओंको निरन्तर दृढ़ बनाता रहेगा;
- आदित्य बिरला ग्रुप के दिशानिर्देशों के अनुरूप सुरक्षा उद्देश्यों को विकसित और कार्यान्वित करेगा;
- सुरक्षा नीति को प्रासंगिक और उपयुक्त बनाए रखने के लिए सुनिश्चित करेगा कि नियमित अंतराल पर उसकी समीक्षा होती रहे;

सुरक्षा, सभी कर्मचारियों, व्यवसायिक सहयोगियों तथा अल्ट्राटेक कार्य संचालन से जुड़े अन्य जनो का व्यक्तिगत एवं साझा जिम्मेदारी है।

के.सी. झांवर
के.सी.झांवर
ऑक्जुपायर

नवेंबर 2018



व्यावसायिक स्वास्थ्य नीति

अल्ट्राटेक सीमेंट मानता है कि व्यावसायिक स्वास्थ्य लोगों, कंपनियों, समुदायों तथा राष्ट्रों की सामाजिक और आर्थिक उत्पादकता का एक महत्वपूर्ण माध्यम है। हम व्यावसायिक बीमारियों की रोकथाम और अपने कर्मचारियों, कॉन्ट्रैक्टर कर्मचारियों, एजेंसी कर्मचारियों, आगंतुकों तथा समग्र रूप से समाज के स्वास्थ्य एवं कल्याण की सुरक्षा हेतु प्रतिबद्ध हैं।

अल्ट्राटेक निम्नलिखित तरीकों से इस लक्ष्य को प्राप्त करने का प्रयास करता है :

- लागू स्वास्थ्य नियमों के लिए सकारात्मक कानूनी अनुपालन बनाना
- बुनियादी व्यावसायिक स्वास्थ्य सेवाएं सुनिश्चित कराना तथा व्यक्तिगत सुरक्षात्मक उपकरणों सहित सक्षम और पर्याप्त संसाधन प्रदान करना
- कार्यविधि के जोखिम और अन्य व्यावसायिक स्वास्थ्य खतरों की पहचान करना तथा व्यावसायिक स्वास्थ्य जोखिमों का आकलन और प्रबंधन कर सभी सुविधाओं पर उसे व्यावहारिक रूप से यथासंभव कम करना
- अधिग्रहण, विलय और नई परियोजनाओं के नियोजन चरण में सक्रिय रूप से व्यावसायिक तथा सामुदायिक स्वास्थ्य मुद्दों को संबोधित करना
- बुनियादी ढांचों और व्यावसायिक प्रक्रियाओं में निरंतर सुधार, स्वास्थ्य खतरों को कम करने हेतु सर्वोत्तम कार्य प्रथाओं तथा नवाचारों को बढ़ावा देकर उत्कृष्टता की खोज करना
- चिकित्सा संबंधी आपातकाल की स्थिति में पर्याप्त आपातकालीन अनुक्रिया क्षमता सुनिश्चित कराना
- आवश्यकता के अनुसार स्वास्थ्य निरीक्षण, बीमारी, अनुपस्थिति, पुनर्वास तथा आरोग्य प्राप्ति की योजनाओं को मापना, उन पर निगरानी रखना तथा मानदंड तैयार करना
- चिकित्सा संबंधी गोपनीयता की रक्षा करना; तथा
- स्वास्थ्य शिक्षा, प्रशिक्षण और प्रचार कार्यक्रमों द्वारा जागरूकता को बढ़ावा देना
- नीति को प्रासंगिक और उचित बनाए रखने के लिए आवधिक समीक्षा करना

के.सी. झांवर
ऑक्जुपायर

नवंबर 2018