

KERALA ENVIRO INFRASTRUCTURE LIMITED (KEIL)

Terms and Conditions

(Affiliation to Biomedical Waste Management Service - PVT HCFs)

1. The affiliation to KEIL for the biomedical waste management service of HCF will be as per the rules & regulations stipulated by the ***Biomedical Waste Management Rules-2016 and its subsequent amendments notified by the Government of India, MoEF & CC.***
2. On affiliation with KEIL CBWTF, the HCF (Healthcare Facility) should simultaneously register with the ***Kerala State Pollution Control Board.*** KEIL will facilitate this process by issuing the “KEIL Affiliation Letter / Certificate”.
3. KEIL is responsible for the collection, transportation, treatment and safe disposal of biomedical waste, generated only by the particular affiliated institution. The biomedical waste of any other establishment should not be mixed with that of an affiliated institution, and if this is proved, the service of KEIL and the affiliation of the institution with KEIL will be cancelled immediately without further notice.
4. The **Service of KEIL under this agreement does not extend to:**
 - i. *Radioactive waste,*
 - ii. *Hazardous chemicals covered under the MSIHC Rules*
 - iii. *Solid wastes covered under the Solid Waste Management Rules*
 - iv. *Lead-acid batteries covered under the Battery Waste Management Rules*
 - v. *Hazardous & other wastes covered under the Hazardous Waste Management & Transboundary Movement Rules-2016*
 - vi. *Waste covered under the e-Waste Rules-2016*
 - vii. *Hazardous or Genetically engineered micro-organisms & cells.*
5. KEIL reserves the **Right to inspect the HCF** as and when it requires.
6. HCFs to follow the duties & responsibilities as per clauses 4,7 & 8 of Biomedical Waste Management Rules 2016 and its subsequent amendments.
7. All **incinerable biomedical waste** (*Ref. Schedule I, Part 1, Biomedical Waste Rules, 2016 and its subsequent amendments*) should be collected in the **YELLOW** coloured barcoded bags/containers.
8. All contaminated **autoclavable biomedical waste** (*Ref. Schedule I, Part 1, Biomedical Waste Rules, 2016*) should be collected in **RED** coloured barcoded bags. These should not be thrown away or sold to plastic vendors or scrap dealers. [*punishable as per the BMW M Rules 2016, Schedule I, Part I {See Rules 3[c], 4[b], 7(1), 7(2), 7(5), 7(6), 8 (2)}*]
9. All biomedical waste sharps (needles, scalpels, blades) to be collected in puncture-proof, leak-proof, tamper- proof, **WHITE** / transparent containers specially designed for this purpose.
10. **Glass & Metal biomedical waste** should be collected separately in **BLUE** coloured leak-proof boxes or containers specially designed for this purpose. Glass and Metals should not be mixed with any other biomedical waste.
11. **Discarded Medicines and Cytotoxic drugs** (outdated, discarded and contaminated medicines) to be collected separately in **YELLOW** coloured, barcoded, “**cytotoxic**” **labelled bags/containers** and should not be mixed with any other category of biomedical waste. Solid and liquid medicines should be packed separately and handed over separately.
KEIL shall facilitate the supply of non-chlorinated colour-coded, bar-coded plastic bags/containers, as per the BMW Rules, to the affiliated institutions on chargeable basis.

Signature of the Authorised Person / Owner:

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12. Guidelines for COVID-19 patients handling healthcare facilities

- a) As per the amendment of CPCB dated 10th June 2020, HCFs should follow the guidelines as under:
- b) To keep separate colour coded bins/bags/containers in wards and maintain proper segregation of wastes.
- c) The waste from Covid -19 isolation wards should be collected in double layered bags to ensure adequate strength and no-leaks.
- d) Collect and store biomedical waste separately prior to handing over the same to CBWTF. Use a dedicated collection bin labelled as “COVID-19” to store COVID-19 waste and keep separately in temporary storage room prior to handing over to authorized staff of CBWTF. Biomedical waste collected in such isolation wards can also be lifted directly from ward into CBWTF collection van.
- e) The (inner and outer) surface of containers/bins/trolleys used for storage of COVID-19 waste should be disinfected with 1% sodium hypochlorite solution daily.
- f) Collect used PPEs such as goggles, face-shield, splash proof apron, Plastic Coverall, Hazmat suit, nitrile gloves into Red bag.
- g) Collect used mask (including Triple layer mask, N95 mask etc.), head cover/cap, shoe-cover, disposable linen Gown, non-plastic or semi-plastic coverall in Yellow bags.
- h) All the other guidelines for HCFs, CBWTF, KSPCB, ULBs, in this amendment are attached here with.
13. **i) Designated storage point:** The affiliated institutions should make a provision within its premises for a safe, ventilated and secured room for the temporary storage of segregated biomedical waste. Provision of adequate storage space for the biomedical waste with a display board (Biomedical Waste Storage Room) and easy accessibility of waste collection vehicles to the storage room must be provided. The HCF shall ensure no secondary handling, pilferage of recyclables or inadvertent scattering or spillage of biomedical waste by animals.
 - ii) HCF shall facilitate easy & safe collection of segregated biomedical waste by the KEIL collection team without any delay, and also has to permit visual inspection of the segregated waste for confirming the proper segregation of the biomedical waste. If the HCF is closed before the collection of biomedical waste, then the waste shall be kept at the designated storage point with proper protection by wired mesh accessible to the collection staff. If such waste storage/collection facility is not provided, the service of KEIL shall be discontinued, and affiliation will be cancelled without further notice.
 - iii) **KEIL HCF Bar code system;** It will serve the purpose of scanning the entire barcoded bags containing biomedical waste from the institution. To retrieve the information of the bags generated & collected from the institution, bar code scanning of the bags has to be carried out by the respective healthcare institutions before handing over the biomedical waste to KEIL; and the scanned data can be obtained directly from the customer portal of the HCF. Bag scanned report and collection report can be retrieved by the HCF as and when required.
 - iv) Provision to affix the QR Code on the Storage Room – After getting the affiliation a QR Code will be generated for the institution. KEIL will provide to HCF the QR code generated in the bar code system which shall be printed and affixed at the front of the storage room. The biomedical waste collection can be done only after scanning the QR code of the institution.

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14. **Non-availing of service** after getting affiliated to KEIL: Once the HCF is affiliated with KEIL for their biomedical waste management, the HCF should start availing the service of KEIL immediately and the colour coded, barcoded waste containers & bags procured by the HCF from the KEIL authorized dealers.
15. **Any discrepancy in the Accounts/Billing** should immediately be intimated to KEIL Administrative Office, Kochi immediately. The HCF is not authorized to make any alteration or deduction in the Invoices or Bills. Any clarification regarding the Accounts can be had from the office at request during office hours (9.00 AM to 5.30 PM, except on Sundays & Holidays).
16. **The maximum quantity of biomedical waste served under this service is 250 gm per bed per day for bedded HCFs or 1.25 Kg per day for non-bedded HCFs. If the quantity is above the prescribed limit; each additional 250gm will be charged [Rs.6.35 for bedded HCI and Rs.6.58 for non- bedded HCI] in addition to the fixed operational charge. The bed occupancy is not considered for billing.**
17. **Stopping and Restarting the service of KEIL:** For either stopping or restarting the service of KEIL, the HCF has to inform the KEIL office, in writing or by E-Mail, at least 2 weeks in advance. Both 'Starting' and 'Stopping' of KEIL service will be reported to the PCB and LSGD.

If monthly operational charges are not paid in time or the terms & conditions are not adhered to, the service of KEIL will be stopped & the institution will be labelled as "Defaulter". The stoppage of KEIL service will be intimated to the concerned authorities. For restarting the service of such "Defaulter" HCIs, an additional Re-starting Fee of Rs.2,000/- and 10% of defaulted amount will be charged for restarting the service of such "Defaulters".

For restarting the service of "Defaulter HCI" whose service was stopped for more than **2 times** for any of the above reasons; in addition to the restarting fee, an "undertaking" in the prescribed format duly filled up by the HCI is to be submitted to KEIL.

If the service of an HCI is stopped for more than **3 times** for any of the above reasons, the affiliation of HCI with KEIL will stand cancelled without further notice to the HCI. This cancellation of KEIL service will be informed immediately to the authorities.

18. **Ownership of HCI is non- transferrable.** Affiliation of HCF with KEIL is non-transferrable. If the ownership of the affiliated institution changes, consent letter of the previous owner, proof of ownership changes along with re- registration fee (Rs. 6,000) has to be submitted to the KEIL. All the previous dues are to be cleared by the new / previous owner in order to get re-registration. All the required documents should be attached while applying / requesting for ownership change.
19. **Change of Name and Address** of the HCF should be informed to the KEIL office

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