




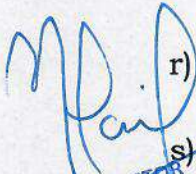
SCHEDULE-IX
Decision on GEA Report

1. **Name, address of proponent:** Medical Superintendent (MS) Women and Children Hospital, Takht Bhai Road, Rajjar, Charsadda.
2. **Description of project:** The management of WCH Hospital planned to install Incinerator to treat biomedical waste of WCH Hospital with capacity of 40 Kg/Hour. The hospital grade incinerator having 2 chambers (primary & secondary), two or three burners which will produce 1100 C temperature. The incinerator will be equipped with wet scrubber for Air Emission control. The incinerated ash will be disposed of in ash pits. Total area of the Hospital is 7.1 acres and area allocated for incinerator is 2178 Sq. feet of 8 marlas. A proper waste water treatment plant will be installed to treat the effluents from the incinerator.
3. **Location of Project:** Women and Children Hospital, Takht Bhai Road, Rajjar, District Charsadda.
4. **GPS Coordinates:** 34.174893N, 71.768091E
34.173190N, 071.76758E
5. **Date of Filing of GEA Report:** 01/08/2023
(Ref: EPA Diary No. 95)
6. After careful review of the GEA Report, the Central Directorate, Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa, has decided to accord approval of the GEA Report of **"Installation of Incinerator at Women & Children Hospital."** located at Takht Bhai Road, Rajjar, District Charsadda for **Construction Phase**, in line with the Khyber Pakhtunkhwa Environmental Protection Act, 2014 and Khyber Pakhtunkhwa Environmental Assessment Rules, 2021, subject to the following terms & conditions:-
- a) The proponent shall adopt all precautionary and mitigation measures recommended in the GEA Report submitted to this Agency and any un-anticipated impacts arising during the construction phase and operation phase.
- b) All the emissions, effluents and noise level shall be kept within the permissible limits of the NEQS and the management shall ensure zero emission of toxic gases like Dioxins, Furans, etc.
- c) The proponent shall install Air Pollution Control System and Waste Water Treatment Plant/settling tanks to bring its emission and effluents in compliance with National Environmental Quality Standards (NEQS), respectively.


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- d) The Hospital Waste Management Rules (HWMR), 2005 shall be followed & implemented in letter & spirit.
- e) Proper segregation of the waste shall be carried out at sources in light of HWMR, 2005. All the waste material shall be kept in closed containers/designated place, before the incineration process.
- f) Qualified experienced staff may be hired for the operation of the incinerator.
- g) Proper trainings shall be imparted to the staff for handling, segregation, transportation & incineration of the medical/infectious waste.
- h) The refractive lining of the incinerator (if any) shall be replaced and repaired after regular interval to ensure proper incineration of the waste and for NEQS compliance.
- i) The incinerator shall not be used for commercial purpose. The approval is incineration of hospital waste of the women and children hospital only
- j) Proper/sufficient number of burners and blowers shall be installed to achieve the required temperature for incineration of the waste. The source of heating shall be natural gas and necessary arrangements shall be made for the same in winter season for proper incineration of the waste.
- k) The Solid Waste (Ashes and waste from settling tanks) shall be disposed off in impermeable concrete pits in the project area. The ashes and waste shall not be dumped outside the project area. The ash shall be properly incinerated, solidified, dried and be converted to non-hazardous form before handling over to the service provider for disposal.
- l) Proper agreement shall be made with local government/ PDA/ WSSP/ own arrangement for disposal of ashes and waste. Details of the same shall be shared with the Agency.
- m) Proper confined area (yellow room and red room) shall be identified for the storage of collection of the hospital waste. Moreover, stock register shall be maintained for the same.
- n) Plantation shall be done in available spaces.
- o) The proponent shall install water meter for sustainable use of water
- p) Proper stock registers shall be maintained at the incinerator area for hospital waste incinerated. Moreover, proper record shall be also maintained for ash generated.
- q) Personal Protective Equipment's (PPEs) shall be provided to the workers to use during working hours as per standard SOPs. Precautionary signboards and environmental related messages shall be mounted at the project site.
- r) Fumigation shall be ensured on regular basis. SOPs for fumigation shall also be notified and a copy of the same shall be displayed at the project area.
- s) The proponent must submit NEQS compliance reports of emission (particulate matter, H₂S, Furans, Dioxins, COX, SOX, NO_x etc.) and effluents for Total Dissolved Solids (TDS), Total Suspended Solids (TSS), pH, temperature etc. from Khyber Pakhtunkhwa EPA certified laboratory on quarterly basis.
- t) A contingency/ emergency plan shall be submitted to the Agency before operation phase of the project.
- u) If any issues arise during execution of the project, the proponent has to address the issues which are unforeseen and not identified in the GEA Report.
- v) The monitoring team of EPA will carry out monitoring to check the terms and conditions of the approval and compliance of the Khyber Pakhtunkhwa Environmental Protection Act, 2014. Furthermore, the management shall facilitate the EPA-team during monitoring.
- w) The EPA-KP reserves the right to suggest any additional measures in case of any environment related issues if observed in/around the project site during regular monitoring.


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7. The proponent shall be liable for correctness and validity of the information provided in the IEE Report.
8. The proponent shall be liable for compliance of Rule 14, 15, 18, 19, 20 & 21 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021 regarding approval, confirmation of compliance, entry, inspections & monitoring.
9. This approval is accorded for construction phase and the proponent is bound to obtain operational environmental approval under rule 15(1).
10. The proponent shall comply with the Rule-14 (2) of the Rules, 2021 and shall submit undertaking on stamp paper for compliance of the conditions of approval.
11. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
12. This approval shall be treated as null and void, if all or any of the conditions mentioned above is/are not complied with:
13. This approval does not absolve the proponent of the duty to obtain any other Approval or clearance that may be required under any law in force.
14. There shall be no legal case pending in the court against the project.
15. In exercise of the power under Section-13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the GEA Report of **"Incinerator at Women and Children Hospital"** for **construction phase** with the terms and conditions as mentioned.

Dated: Peshawar 28/08/2023

Tracking/File. No: EPA/GEA/Hospital/WCH/Charsadda/23/795-97

Tracking Code:



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Environmental Protection Agency
Govt. of Khyber Pakhtunkhwa
Peshawar
25/08/2023

DIRECTOR (CENTRE)
CENTRAL DIRECTORATE
ENVIRONMENTAL PROTECTION AGENCY,
GOVT. OF KHYBER PAKHTUNKHWA,
2nd FLOOR, KHYBER PAKHTUNKHWA BAR COUNCIL
BUILDING, KHYBER ROAD PESHAWAR CANTT