

SCHEDULE-VI
Decision on EIA

1. **Name, address of proponent:** The Medical Superintendent,
Saidu Group of Teaching Hospital,
Saidu Sharif, District Swat.
Contact No. 0946-9240126
2. **Description of project.** The incinerator facility is proposed at
Saidu Teaching Hospital, Tehsil Babuzai,
Saidu Sharif, District Swat, Khyber
Pakhtunkhwa. The proposed project aims
to install a high quality modern
incinerator within the premises of the
hospital to treat and handle the
infectious/hazardous medical waste of
the hospital. The area allocated for the
proposed incinerator is 1250 Square Feet
or 4.5 Marla. The power requirement will
be provided by WAPDA and a 3-phase
separate electricity meter energized from
the 200 KVA transformer will be installed.
3. **Location of project.** Saidu Teaching Hospital, Tehsil Babuzai,
Saidu Sharif, District Swat.
4. **GPS Coordinates of the incinerator.** N: 34° 44' 59.59", E: 72° 21' 17.97"
5. **Date of filing of EIA.** 24/08/2020
Ref. (EPA Diary No. 423)
6. After careful review, the Environmental Protection Agency, Govt. of Khyber
Pakhtunkhwa has decided to accord approval of the Environmental Impact
Assessment of Incinerator facility at "**Saidu Teaching Hospital, Marghazar
Road, Saidu Sharif, Swat, Khyber Pakhtunkhwa**" in line with the Khyber
Pakhtunkhwa Environmental Protection Act, 2014 and IEE/EIA Regulations,
2000 subject to the following terms & conditions:-
 - i. The Proponent/Management shall adopt all precautionary and mitigatory
measures identified in the EIA Report and any unanticipated impacts
during the construction and operation phase of project.
 - ii. The Proponent/Management shall adopt the mitigation measures identified
in reply conveyed in various quarries of this Agency.
 - iii. Emissions shall be kept within the permissible limit of National
Environmental Quality Standards (NEQS) and the Management shall

ensure zero emissions of toxic Aromatic Hydrocarbons (Dioxins, Furans, etc.).

- iv. The Agency generally recommends Dry Pollution Control System for incineration of hospital infectious/hazardous waste. However, if the funds are not available, the proponent/management will install proper Wet Air Pollution Control System on the incinerator to bring its emissions in compliance with National Environmental Quality Standard (NEQS) and the same shall be converted to Dry Pollution Control System subject to availability of funds.
- v. The quantified data regarding level of Particulate Matter (PM 2.5 and PM10) of the stack emissions on daily basis, emission rate from the incinerator and emissions metal contents ratio from the proposed activity shall be shared with this Agency on quarterly basis.
- vi. The Hospital Waste Management Rules (HWMR), 2005 shall be implemented within the hospital & incineration facility.
- vii. The proponent/management shall notify proper Hospital Waste Management Committee as per HWMR, 2005.
- viii. The hospital shall use different dust bins with color coding bags for infectious & non-infectious hospital waste.
- ix. All waste material shall be kept in closed containers as per the HWMR, 2005 before the incineration process. Moreover, proper segregation shall be carried out for infectious/non-infectious waste as per the above mentioned rules.
- x. Natural gas shall be used as a fuel for the incinerator. In case of non availability/low pressure of natural gas, Liquefied Petroleum Gas (LPG) shall be used.
- xi. Proper waste storage rooms equipped with Air Conditions facility & fumigation facility shall be established for collected hospital waste to control bad odor.
- xii. A chimney/stack of sufficient height shall be constructed. Moreover, a measuring hole (03 inches dia) in the stack along with necessary arrangements/support/platform shall be made with the chimney for stack emission analysis.
- xiii. To control the noise pollution from the generator, acoustic canopy arrangement shall be made.

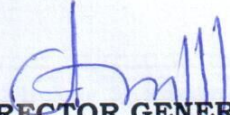
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- xiv. The emission & noise from the generator shall be kept within NEQS permissible limits.
- xv. A proper waste water treatment plant shall be constructed to bring the effluents discharge within permissible NEQS limits. Moreover, no effluents shall be discharged outside the project premises in violation of NEQS.
- xvi. Maximum efforts shall be made to recycle the treated waste water.
- xvii. All the hazardous waste shall be properly stored with impervious flooring to control any Leachate and prevent ground/surface water contamination.
- xviii. The Solid Waste (Ashes from incineration & Waste collected from the waste water treatment) shall be disposed off in impermeable concrete/cemented pits in the Project area. The Ashes & Waste shall not be dumped outside the Project area. No Ash/Waste/Effluents shall be dumped/discharged into the nearby natural khwarh/water body.
- xix. The proponent/management shall approve the incinerator with automatically operated conveyer belt system for feeding of the infectious waste during incineration.
- xx. Screen should be installed at the incineration facility to separate/segregate steel component of the incinerated waste & shall be properly disposed.
- xxi. Proper agreement shall be made with Local Government/Water & Sanitation Services Company Swat (WSSCS)/own arrangement for safe disposal of Ashes & Waste. Before the disposal of the Ash and waste, the analysis report shall be shared with this Agency.
- xxii. Proper confined area shall be identified for the storage and collection of the Hospital Waste. Moreover, Stock register shall be maintained for the same.
- xxiii. Proper plantation of Chinar (10-15 feet height) shall be carried out within the available spaces of the hospital, around the incinerator & towards the human settlement.
- xxiv. Health safety measures (mask, fire proof jackets, glasses, gloves, shoes, air plugs, helmet etc) should be provided to the workers.
- xxv. Properly trained staff shall be deputed during operation phase of the project. Training Sessions shall be arranged for the staff by professionals.
- xxvi. Preference shall be given to the locals in technical/non technical jobs.
- xxvii. The Proponent must submit on quarterly basis Air, Water, Noise analysis report from an EPA Khyber Pakhtunkhwa certified laboratory.

- xxviii. This Agency shall suggest any additional mitigation measures for the control of environmental pollution at any stage (construction & operational phase) of the project.
7. The proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
 8. The proponent shall be liable for compliance of Sections 13, 14, 16, 17 and 18 of the IEE/EIA Regulations, 2000, regarding approval, confirmation of compliance, entry, inspections and monitoring.
 9. This approval is accorded only for the installation/construction phase of the project. The proponent must obtain operational approval of the project in accordance with the Section 13 (2) (b) and Section 18 of the IEE/EIA Regulations, 2000. The proponent must inform EPA, when construction phase is completed.
 10. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
 11. This approval shall be treated as null and void if all or any of the conditions mentioned above is/are not complied with.
 12. 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.
 13. There is no legal case pending in the courts against the project.
 14. In exercise of the power under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the EIA Report for the aforementioned project with above mentioned terms and conditions.

Dated: Peshawar 22 / 04 /2021

Tracking/File No. EPA/EIA/Incinerator/SGTH/Swat/21/186-91


**DIRECTOR GENERAL,
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