Introduction

This information sheet assists owners and operators in determining the KDHE application forms and other documents to submit prior to commencing any construction, modification, or reconstruction activity. [K.A.R. 28-19-300]

Applications are submitted through the Kansas Environmental Information Management System (KEIMS).

Construction permit and approval emission thresholds [K.A.R. 28-19-300(a)-(b)]

Kansas air quality regulations establish requirements for construction permits and approvals. Potential-to-emit (PTE) of proposed construction determine document type issued by KDHE. KDHE’s construction permit and approval information sheet provides more information on these requirements.

Calculating PTE

PTE must be determined as defined in K.A.R. 28-19-200. If the owner or operator, consultant hired by the owner or operator, or other entity will be calculating PTE for the project, please provide references or source for emission factors, calculation methodology, process throughput, and hours of operations used to calculate PTE.

Examples of PTE calculations on the KDHE construction permit and approvals information sheet, or SBEAP air quality tools, can assist your project evaluation.

In addition, the owner or operator should be prepared to provide facility-wide PTE data.

Application package for permit or approval

The construction application package should contain as much information as possible. At minimum, the owner or operator shall submit the following: the KEIMS application and KDHE process and emission unit equipment forms.

To expedite the permit or approval process, also submit the following:

- Cover letter describing the project:
  - Description of process and equipment, if project is complex or no form is available at KDHE process and emission unit equipment forms.
  - Description of how construction or modification affects current and/or future operations.
  - List of state and federal air quality regulations applicable to the project.
  - Request for federally enforceable limit, if needed.
- Attach manufacturer documents and specifications for all equipment, including pollution control devices.
- Attach PTE calculations in a reviewable format.
- Attach safety data sheets (SDS) for chemicals or raw materials.
- Attach fuel specification sheets (especially for liquid, field gas, alternative, or biomass fuels).
- Provide a plant diagram showing where new emission unit(s) will be located, and how and where venting to the atmosphere will occur.
- List and description of any emission units replaced or removed as part of the project.

Available KEIMS Applications

The following Construction applications are available in KEIMS:

- Air Construction Permit/Approval/Response
- Air Construction Permit for PSD - New
- Air Expedited Construction and/or Operating Concrete Batch Plant Permit - New
- Air Expedited Construction Animal Incinerators Permit - New
- Air Expedited Construction Approval Emergency Generator Permit - New
- Air Expedited Construction Oil and Gas Facility Permit - New
- Air Expedited Construction Portable Rock Crusher Permit
- Air Expedited Construction Rock Crusher Master Equipment List - New

Help available

If you need assistance, contact the Kansas Small Business Assistance Program (SBEAP) at 800-578-8898 or sbeap@ksu.edu. This is a free and confidential program administered through Kansas State University, funded in part by the Kansas Department of Health and Environment.