Submit the following information with your application for an authority to construct and permit to operate:

1. **EQUIPMENT LOCATION DRAWING:** The drawing or sketch submitted must show at least the following:
   a. The property involved and outlines and heights of all buildings on it. Identify property lines plainly.
   b. Location and identification of the electrostatic precipitator on the property, showing ductwork and any pre-cleaners.

2. **EQUIPMENT INFORMATION:** Supply the following information *(when standard commercial equipment is to be installed, the manufacturer’s catalog describing the equipment should be submitted)*:
   a. Make, model, size, type, and capacity of the precipitator (include horsepower rating of all associated fans/blowers)
   b. All data and calculations used in selecting or designing the electrostatic precipitator.
   c. Means of disposal of the collected air contaminants and the procedure to be used for preventing losses when cleaning the precipitator.
   d. Expected temperatures of air gases entering the precipitator.
   e. Expected efficiency of the precipitator in controlling the types of air contaminants involved. Supply data to substantiate.
   f. State pressure drop (inches of water) across each section.
   g. State the apparent electrical resistivity of the material to be collected.
   h. Describe means of removing collected material from collecting plates.
   i. Specify the voltage applied to all electrodes and collecting surfaces and total power consumption.
   j. Supply a drawing, dimensioned and to scale in both plan and elevation, which shows at least the following:
      (1) Overall size and shape of the precipitator.
      (2) Type, size, shape, arrangement and spacing of the electrodes and collecting surfaces.