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| **FORM 5** | **MDEQ** | **MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY APPLICATION FOR AIR POLLUTION CONTROL PERMIT** |
| **Baghouses/Fabric Filters** | **Section L1** |
| **1.** | **Baghouse Description** |
|  |  |
|  | A. | Emission Point Designation (Ref. No.): |       |  |
|  |  |
|  | B. | Equipment Description (include the process(es) that the baghouse controls emissions from): |  |
|  |  |       |  |
|  |  |       |  |
|  |  |
|  | C. | Manufacturer: |       | D. | Model: |       |  |
|  |  |  |
|  | E. | Status: | [ ]  | Operating | [ ]  | Proposed | [ ]  | Under Construction |
|  |  |
|  |  |
| **2.** | **Baghouse Data** |
|  |  |  |
|  | A. | Cloth Area: |       | ft2 | B. | Air to cloth ratio: |       | acfm/ft2 |
|  |  |
|  | C. | Type of bag: | [ ]  | Woven | [ ]  | Felted | [ ]  | Membrane | [ ]  | Other: |       |  |
|  |   |
|  | D. | Filter Material: |       | E. | Max. Filter Operating Temp.: |       | oF |
|  |  |
|  | F. | No. of compartments: |       |  | G. | No. of bags per compartment: |       |  |
|  |  |
|  | H. | Bag length: |       | ft | I. | Bag diameter: |       | ft |
|  |  |
|  | J. | Pressure drop: |       | in. H2O | K. | Inlet air flow rate: |       | acfm |
|  |  |
|  | L. | Air temperature: |       | oF | M. | Efficiency (PM): |       | % |
|  |  |
|  | N. | Is a pressure measurement device installed? | [ ]  | Yes | [ ]  | No | Warning alarm? | [ ]  | Yes | [ ]  | No |
|  |  |
|  | O. | Dirty air is on…: | [ ]  | Inside of bag | [ ]  | Outside of bag |
|  |  |
|  | P. | Time between bag cleaning (specify units): |       |  | [ ]  | Automatic | [ ]  | Timed | [ ]  | Manual |
|  |  |
|  | Q. | Method of cleaning: | [ ]  | Shaking | [ ]  | Reverse Air | [ ]  | Pulse Jet |
|  |  |  | [ ]  | Other:  |       |  |
|  |  |
|  | R. | Are extra bags readily available? | [ ]  | Yes | [ ]  | No | If yes, how many? |       |  |
|  |  |
|  | S. | Method for determining when to replace bags: | [ ]  | Alarm | [ ]  | Internal Inspection | [ ]  | Visible Emission |
|  |  |  | [ ]  | Other: |       |  |
|  |  |
|  | T. | How is the collected dust stored, handled, and disposed of?      |  |
|  |  |  |
|  |  |  |
|  |  |  |  |