APAC – Midsouth, Inc.
Pensacola Asphalt Plant
Pensacola, FL
Plant # 4025

# Operation and Maintenance Plan

Plant operation procedure is elaborated on in Start Up and Shut Down description.

Maintenance from the standpoint of air emissions, will require keeping exhaust system itself in good operational order. This will be done by regular inspection of entire system to detect any holes or tears in ductwork or baghouse housing. Maintenance of baghouse internals will be done by regular inspection of the filtering bags, making sure none have rips and/or tears. Maintenance of pulsing system will be required to make sure pulsing occurs on specified intervals and on all pulsing jets. Modern baghouse jets do not all pulse at the same time, instead they pulse in rows beginning at one end of the baghouse and ending at the other end. Control system will be maintained to keep the sequence of operation in order. Magnehelic gauge which indicates pressure drop across filtering media will be maintained to insure that it functions properly. Asphalt plant manufacturer recommendations combined with experience gained with continuous reading of magnehelic gauge readings will allow the operator to establish good knowledge of monitoring the baghouse operation. During EPA test 1-5, magnehelic gauge was reading in the range of 1-3" WG. Normal operation of the baghouse used in asphalt making should be 1-4" WG. Pressure readings exceeding 5" will indicate that filter media is being clogged and bags need to be cleaned or replaced.