**Potential Controls to Meet 0.10 gr/dscf**

**Hog Fuel Boilers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Size** | **Control Technology** | **Cost (installed)** | **Source** |
|  | tune-up | $4,000 - $8,000 | Roseburg Forest Products/Boiler & Steam/Wellons  |
|  | comprehensive tune-up | $33,000 - $65,000 | Roseburg Forest Products |
| 50,000 lb/hr steam | multiclones | $100,000 | Wellons |
| 20,000 lb/hr steam | multiclones | $ 60,000 | Wellons |
|  | New ESP | $1.8 - $2.2 million | KC Cotrell/Wellons |
| 100,000 lb/hr | New boiler | $8 million |  |

Wet scrubber not used on HFB unless source has wastewater treatment facility

Baghouses not recommended, bags tend to catch on fire

**Asphalt Plants**

|  |  |  |
| --- | --- | --- |
| **Control Technology** | **Cost (installed)** | **Source** |
| Tune-up (to meet 0.10)  | $9,000 - $11,000 | CM Consulting |
| New scrubber | $32,000 | CM Consulting |
| New baghouse | $210,000 - $320,000 | CM Consulting |
| Used baghouse | $175,000 | JusDust |
| New asphalt plant | $1.5 - $2 million | CM Consulting |

CM Consultants said it should be “simple to meet” 0.10 gr/dscf for an asphalt plant.