**Source Test Data**

|  | | | | |
| --- | --- | --- | --- | --- |
| **Pre-1970 Boilers > 0.10 gr/dscf** | | | | |
| **Source** | **Emissions Unit** | **Test Date** | **Opacity** | **Grain Loading** |
| Boise Cascade (Pilot Rock)  30-0016 | Early 1940s Babcock & Wilcox Dutch-oven boiler, 20,000 lb steam/hr; **backup to NG fired boiler** | 8/3/2004 | 2% | 0.080 |
| 7/12/2005 | 2% | 0.140 |
| 9/26/2006 | 4% | 0.170 |
| 11/8/2007 | 0% | 0.130 |
| 11/20/2008 | 0% | 0.100 |
| 10/25/2011 | 0% | 0.140 |
| 8/4/2004 | 1% | 0.080 |
| Early 1940s Babcock & Wilcox Dutch-oven boiler, 20,000 lb steam/hr; **backup to NG fired boiler** | 7/13/2005 | 1% | 0.180 |
| 9/27/2006 | 1% | 0.160 |
| 11/8/2007 | 0% | 0.140 |
| 11/21/2008 | 0% | 0.160 |
| 12/15/2009 | 0% | 0.150 |
| 12/1/2010 | 0% | 0.190 |
| 10/24/2011 | 1% | 0.170 |
| 8,000 lb steam/hr; backup to NG fired boiler | 8/5/2004 | 0% | 0.060 |
| 7/12/2005 | 0% | 0.060 |
| 9/27/2006 | 2% | 0.100 |
| 10/25/2011 | 1% | 0.063 |
| Columbia Forest Products  18-0014 | 1939 EF Huffman Dutch oven BLR-N, 12,500 lb steam/hr | 6/20/2001 | 1% | 0.100 |
| 11/16/2007 | 3% | 0.090 |
| 11/1/2011 | 5% | 0.140 |
| 1944 C& E Dutch oven BLR-S, 35,000 lb steam/hr, w/multiclone | 6/20/2001 | 5% | 0.100 |
| 10/8/2002 | 9% | 0.170 |
| 11/4/2003 | 10% | 0.190 |
| 12/10/2004 | 14% | 0.140 |
| 11/18/2005 | 14% | 0.140 |
| 11/21/2006 | 14% | 0.140 |
| 11/15/2007 | 15% | 0.170 |
| 11/18/2008 | 7% | 0.170 |
| 11/24/2009 | 17% | 0.110 |
| 11/9/2010 | 14% | 0.080 |
| 11/2/2011 | 14% | 0.120 |
| 11/06/13 | 5% | 0.13 |
| Frank Lumber  22-2525 | 1969 Wyatt & Kipper spreader stoker boiler, 30,000 lb/hr steam, w/multiclone | 1989 |  | 0.19 |
| 1997 |  | 0.178 |
| 08/17/2004 | 7% | 0.137 |
| 08/25/2009 | 16% | 0.137 |
| **Pre-1970 Boilers > 0.10 gr/dscf** | | | | |
| **Source** | **Emissions Unit** | **Test Date** | **Opacity** | **Grain Loading** |
| Interfor Pacific  18-0005 | 1939 Wickes Dutch oven boiler, 50,000 lb/hr, w/multiclones and economizer | 3/11/1997 |  | 0.210 |
| 8/12/1997 |  | 0.125 |
| 9/23/1998 | 4% | 0.097 |
| 6/17/2004 | 6% | 0.110 |
| 9/11/2012 | 22% | 0.130 |
| 1939 Wickes Dutch oven boiler, 50,000 lb/hr, w/multiclones and economizer | 8/12/1997 |  | 0.196 |
| 9/23/1998 | 2% | 0.086 |
| 9/23/1999 | 11% | 0.140 |
| 3/30/2010 | 2% | 0.150 |
| 9/12/2012 | 13% | 0.130 |
| Swanson Group Roseburg  10-0030 | 1968 Kipper boilers, pin hole grate, mechanical stoker, 31,800 lb steam/hr, w/multiclone | 10/01/2010 |  | 0.17 |
| 10/06/2011 | 17% | 0.17 |
|  |  |  |  |  |
| **Post-1970 Boilers > 0.10 gr/dscf** | | | | |
| **Source** | **Emissions Unit** | **Test Date** | **Opacity** | **Grain Loading** |
| Collins (Fremont Sawmill)  19-0002 | ’75 Wickes Dutch oven, 18,000 lb/yr, w/multiclone | 4/5/2006 | 7% | 0.090 |
| 5/20/2008 | 0% | 0.130 |
| ’89 Trane-Murray Dutch oven, 24,000 lb/hr, w/multiclone | 4/6/2006 | 5% | 0.080 |
| 5/19/2008 | 2% | 0.090 |
| Umpqua Lumber  10-0027 | 1975 Wellons boiler, 20,000 lb/hr, w/multiclone | 08/2008 | 5% | 0.138 |
| 11/2010 | 0%/dark | 0.105 |
|  |  |  |  |  |
| **Asphalt Plants** | | | | |
| Harney Rock and Paving  13-0010 | Asphalt plant | 1999 | 19% | 0.22 |
| Humbert Asphalt  37-0112 | Asphalt plant | 07/2003 |  | 0.11 |
| Rogers Asphalt Paving  31-0001 | Asphalt plant |  |  | 0.11 |
|  |  |  |  |  |
| Cannot meet 0.15 gr/dscf | Cannot meet 0.175 gr/dscf | Data too old |  |  |