Dear Mr. Parks:

Delta Faucet Company, located at 1425 West Main Street, Greensburg, Indiana was issued a Minor Source Operating Permit (MSOP) on May 25, 2000 for a stationary chrome faucet electroplating source. A letter notifying the Office of Air Quality of a change in the permit was received on January 15, 2002. The source proposes to install one (1) natural gas-fired curing oven with a maximum heat input capacity of 0.5 million British thermal units per hour (mmBtu/hr). Nitrogen Oxide (NOx), which is the primary pollutant from this oven will be emitted at a rate of 0.219 ton per year (see the attached spreadsheet). Pursuant to 326 IAC 2-6.1-6(d)(2) the change qualifies as a “minor administrative change in descriptive information concerning the source or emission unit or units”. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (changes are bolded and deletions are struck-through for emphasis):

1. Section A.2 of the issued MSOP will be revised to incorporate the new curing oven and be numbered as (u). Revision is as follows:

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source is approved to construct and operate the following emission units and pollution control devices:

(a) through (t) No changes

(u) One (1) natural gas-fired drying oven, with a heat input capacity of 0.5 mmBtu/hr, capable of drying a maximum of 300 pounds of plastic parts per hour, in 1300 pounds of steel rack per hour, and exhausting at one (1) stack identified as 3559.

There are no applicable requirements for the new drying oven. All conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.
This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman at (800) 451-6027, press 0 and ask for Aida De Guzman or extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzy, Chief
Permits Branch
Office of Air Quality

Attachments
APD
cc:  File - Decatur County
U.S. EPA, Region V
Decatur County Health Department
Air Compliance Section Inspector - D.J. Knotts
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner
CONSTRUCTION PERMIT
and MINOR SOURCE OPERATING PERMIT
OFFICE OF AIR MANAGEMENT

Delta Faucet Company
1425 West Main Street
Greensburg, Indiana  47240

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, (326 IAC 2-5.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

<table>
<thead>
<tr>
<th>Operation Permit No.: MSOP 031-11706-00007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issued by: Paul Dubenetzky, Branch Chief Office of Air Management</td>
</tr>
<tr>
<td>First Minor Permit Revision: 031-12463, issued on December 19, 2000</td>
</tr>
<tr>
<td>First Notice-Only Change: 031-15232</td>
</tr>
<tr>
<td>Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Management</td>
</tr>
</tbody>
</table>
(h) One (1) Brite Dip tank, identified as T14, equipped with a wet scrubber and exhausting at stack 1715.

(i) Two (2) rack strip lines, identified as 255R and 255P, using sulfuric acid and nitric acid, respectively, and equipped with wet scrubbers and exhausting at stacks 255R and 255P, respectively.

(j) Buffing operations, equipped with three (3) air washers, identified as 2125, 2490 and 3011, and exhausting at stacks 2126, 2491 and 3011, respectively.

(k) Brazing operations, identified as 10200, exhausting at stacks 1183, 1873, 1874, 1212 and 1105, capacity: 10.3 pounds per hour of solder, 1,800 pounds per hour of brass or copper parts, and 5.72 million British thermal units per hour.

(l) One (1) cure oven, identified as 569, fired by natural gas and exhausting at stacks 569 North and 569 South, capacity: 3.6 million British thermal units per hour.

(m) One (1) natural gas fired fluidized bed burn-off oven, rated at 0.99 million British thermal units per hour (mmBtu/hr), with a maximum capacity of 301 pounds per hour of parts and 1.56 pounds per hour of sand, using a cyclone for particulate matter control, and exhausting at one (1) stack identified as 2918.

(n) One (1) powder spray booth, identified as 1421, equipped with a baghouse and exhausting to stack 1421, capacity: 16 pounds of powder per hour and 1,000 pounds per hour of raw materials.

(o) One (1) boiler, identified as 1854, constructed in 1993, fired by natural gas and exhausting at stack 1854, capacity: 2.10 million British thermal units per hour.

(p) Two (2) boilers, identified as 1307 and 1308, constructed in 1987, fired by natural gas and exhausting at stack 1307/1308, capacity: 0.75 million British thermal units per hour, each.

(q) One (1) boiler, identified as 586, constructed in 1975, fired by natural gas, exhausting at stack 586, capacity: 25.20 million British thermal units per hour.

(r) One (1) boiler, identified as 1513, constructed in 1990, fired by natural gas, exhausting at stack 1513, capacity: 32.94 million British thermal units per hour.

(s) One (1) boiler, identified as 2256, constructed in 1994, fired by natural gas, exhausting at stack 2256, capacity: 14.70 million British thermal units per hour.

(t) One (1) decorative chromium electroplating tank, identified as T21, using a hexavalent chromium bath, equipped with a packed-bed scrubber, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 253Cr.

(u) One (1) natural gas-fired drying oven, with a heat input capacity of 0.5 mmBtu/hr, capable of drying a maximum of 300 pounds of plastic parts per hour, in 1300 pounds of steel rack per hour, and exhausting at one (1) stack identified as 3559.
Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Small Industrial Boiler

Company Name: Delta Faucet Company
Address City IN Zip: 1425 West main Street, Greensburg, IN 47240
Notice-Only-Change: 031-15232
Plt ID: 031-00007
Reviewer: Aida De Guzman
Date Application Received: January 15, 2002

Heat Input Capacity

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Emission Factor in lb/MMCF</th>
<th>Potential Emission in tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM*</td>
<td>1.9</td>
<td>0.004</td>
</tr>
<tr>
<td>PM10*</td>
<td>7.6</td>
<td>0.017</td>
</tr>
<tr>
<td>SO2</td>
<td>0.6</td>
<td>0.001</td>
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<tr>
<td>NOx</td>
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<td>0.219</td>
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<tr>
<td>VOC</td>
<td>5.5</td>
<td>0.012</td>
</tr>
<tr>
<td>CO</td>
<td>84.0</td>
<td>0.184</td>
</tr>
</tbody>
</table>

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Note: Check the applicable rules and test methods for PM and PM10 when using the above emission factors to confirm that the correct factor is used (i.e., condensable included/not included).

See page 2 for HAPs emissions calculations.