Zeon Chemicals Yonezawa Co., Ltd.

Company Profile

Business Description
Manufacture and sale of perfumes and pharmaceutical and agrochemical intermediates, manufacture and sale of RIM blended solutions

Established in 1996 as a producer of fine chemical products, Zeon Chemicals Yonezawa began production of synthetic aroma chemicals in 1997 and reaction injection molding (RIM) compounds in 1998.

No. of employees
As of March 31, 2017: 33 (31 men, 2 women)
Hiring in FY 2016: 1 (1 man)

Company Policy (Executive Message)

We provide customers with a stable supply of superior quality products and develop new products and technologies to meet the challenges of changing market conditions. Going forward, we will continue to offer products that meet customer needs.

In addition to implementing Safety First corporate activities, we welcome participation in events such as chemistry classrooms and the Snow Lantern Festival as ways to give back to the community.

Safety Initiatives

Policy
With a commitment to the basics, create stable, safe, and comfortable workplaces.

Specific Initiatives
Increased sensory awareness through hands-on education
Provide a controlled combustion and explosion experience with alkyl aluminum (category 3 hazardous substance), which we use in manufacturing, in cooperation with the fire department and a chemicals manufacturer.
Environmental Impact Reductions

Policy
Maintain record of zero emissions and conduct activities to reduce our environmental impact.

Specific Initiatives
1. Maintain record of zero emissions
   • Strictly sort waste materials
   • Recycle and reuse resources
   • Practice thermal recycling

2. Conserving resources and energy
   • Reduce power consumption

3. Environmental data
   *"0" indicates less than 0.5 tons, and "0.0" indicates less than 0.005 tons

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</thead>
<tbody>
<tr>
<td>Substances subject to the PRTR Act</td>
<td>No. of substances</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>3</td>
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<tr>
<td></td>
<td>Consumption (tons)</td>
<td>1,773</td>
<td>1,642</td>
<td>1,759</td>
<td>1,567</td>
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<tr>
<td></td>
<td>Emissions (tons)</td>
<td>0.5</td>
<td>0.5</td>
<td>0.5</td>
<td>0.6</td>
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<tr>
<td>Industrial waste</td>
<td>Amount generated before compacting (tons)</td>
<td>187</td>
<td>202</td>
<td>206</td>
<td>182</td>
</tr>
<tr>
<td></td>
<td>Amount sent to landfills (tons)</td>
<td>0.0</td>
<td>0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Water resource consumption (1,000 m³) (industrial water + groundwater + waterworks)</td>
<td>10</td>
<td>9</td>
<td>14</td>
<td>12</td>
<td>14</td>
</tr>
<tr>
<td>CO₂ emissions (tons)</td>
<td>1,017</td>
<td>1,151</td>
<td>1,421</td>
<td>1,815</td>
<td>1,716</td>
</tr>
<tr>
<td>Energy consumption (crude oil equivalent, kL)</td>
<td>439</td>
<td>490</td>
<td>591</td>
<td>762</td>
<td>720</td>
</tr>
</tbody>
</table>

*Our electricity consumption has increased due to full-scale running of new experiments, resulting in higher CO₂ emissions and energy consumption in FY 2015.

Relationship with Employees

Policy
Vision: Foster a corporate culture that encourages employees to take on challenges and rewards those who do, develop human resources with ambitious goals, and implement improvements and reforms on a routine basis.

Specific Initiatives
1. Training of multi-operators
   Systematically rotate personnel assignments to train multi-operators capable of operating all four plants.

2. Naseba-naru Awards (in-house commendations)
   Naseba-naru Awards are given to employees who have demonstrated results, including implementing
improvements, creating systems, and effecting safety, 5S, and corporate culture reforms. Two employees in FY 2015 and six employees in FY 2016 received the commendation. The meaning of Naseba-naru comes from a quote by Uesugi Yozan, the head of the Yonezawa domain during the mid-Edo Period, who is remembered for achieving financial and other reforms of the domain. He famously said, “If you put your mind to it, you can do it” (Naseba naru in Japanese).

Relationship with the Local Community

Compliance and other activities to fulfill society’s expectations.

Specific Initiatives

1. Participation in community events
   Yamagata Prefecture experiment classrooms
   We set up an experiment craft booth at the 2016 Youth Science Festival in Yamagata. Together with children, we made air fresheners by adding our synthetic aroma chemicals to water-absorbent resin containing colored water. A total of 151 elementary and junior high school students learned about synthetic aroma chemicals while enjoying the craft activity.

2. Uesugi Snow Lantern Festival
   Held every year, the Uesugi Snow Lantern Festival creates a magical atmosphere symbolizing local residents’ wishes for peace. We participate every year as a part of our community activities and create two snow lanterns.