Green Tier Program Annual Report 4.1.2015

To Whom It May Concern:

Cortec Spray Technologies is an aerosol and liquid chemical packaging company specializing in corrosion removal and inhibition of metals for the electrical, electronic, industrial, maintenance and repair industries. Cortec offers products based on renewable resources such as soybean derivatives and is providing aerosol products that are propelled by compressed air, rather than traditional chemical propellants. Companies can work with Cortec’s R&D laboratory, which became ISO 17025 certified in 2010. The CST plant building conserves energy by using skylights and timed production lighting as well as an in-floor heat system to reduce energy used in heating. In 2012, a new, more efficient radiant heater was installed in warehouse to replace the one that failed.

Cortec Spray Technologies has an ISO 14000 equivalent Environmental Management System. This system includes a manual which describes the system, and several standard operating procedures, work instructions, forms and reference documents. A list of environmental aspects and significant aspects is maintained and reviewed annually. 10 internal audits were performed in 2013. There were no corrective actions, but 11 opportunities for improvement, many of which will be implemented in 2015.

Goals for 2014 were:

1. Reduce Hazardous waste from 3200 pounds to 3000 pounds. This was not met, CST had 3200 pounds.
2. Create/reformulate at least one product/contract fill from flammable to non-flammable. Three products were reformulated.
3. Create/reformulate at least one product/contract fill that uses biodegradable materials. This was met, one product was created.

Goals for 2015 are:

1. Increase EcoAir cans sold by 5% in 2015 versus 2014.
2. Reduce Hazardous waste to less than 3200 pounds by recycling more toluene.
3. Create/reformulate at least one product/contract fill that uses biodegradable materials.

Please find additional information related to DNR Environmental Indicators list below:

1.1 Water Use-
1.1.1 898 gallons of DI water was used in production of products in 2014.
1.1.2 There are minimal/no sources for additional phosphorous to be released into water.
1.1.3 Waste water would include domestic waste, floor washing ~10gallons/week and water bath used to test seal of cans (~175 gallons/batch).
1.2 Air Emissions are minimal and currently no air permit is required.

1.3 Solid waste produced includes packaging materials, lunchroom, and off-spec material that cannot be reused.
   1.3.1 Allied Waste continues to be paid to pick up 14yd$^3$ of garbage weekly.
   1.3.3 3200 pounds of hazardous materials were produced.
   1.3.4 No mercury was released into the environment.
   1.3.5 Currently, the following materials are recycled: paper, aluminum cans, cardboard, ink jet cartridges, mercury (from light bulbs, thermometers, etc.), lead batteries if any present, metal (from old equipment and steel cans, etc.), electronics including computer components, label backing, plastic can caps. Also, 100% post consumer recycled paper will be used whenever possible, printing on both sides of the page is encouraged and toilet paper and toweling will contain at least 20% post consumer recycled content, when possible. Allied Waste is paid to pick up 4yd$^3$ of recycling weekly.

1.4 Energy Use- Plant Building uses skylights and timed production lighting as well as an in-floor heat system to reduce energy.

1.6 There were no spills of hazardous substances released to the environment.

Sincerely,

Miranda Olin
EMS Coordinator