



Maryland Green Registry

2017 Leadership Award Winner BD Diagnostic Systems



About BD Diagnostic Systems

BD Diagnostic Systems is a business unit of BD, a global medical technology company with 40,000 associates in 50 countries. Its sustainability strategy is driven by corporate-wide performance goals, the development of an ISO 14001 Environmental Management System, the guidance of its Environmental Health and Safety Team, and the leadership of its employee Green Team.



Achievements

Performance Metrics: BD has established ambitious performance goals for greenhouse gas emissions, energy reduction, renewable energy, water conservation, hazardous and non-hazardous waste reduction, recycling, air emissions and ozone depleting substances. BD Diagnostic Systems tracks these metrics at their Maryland facilities and had made significant contributions to the corporate goals through its energy and waste reduction initiatives and the use of 100 percent renewable energy.



Energy Efficiency: The installation of new control systems to optimize the operation of chillers, cooling towers and pumps, and variable frequency drives on chillers and chilled water pumps has increased efficiency, reducing energy usage by 966,000 kWh annually. Additional measures include the use of a compressed air cooling tower to increase energy efficiency in their boiler room and an upgrade to LED lighting, which is reducing energy usage by 1.1 million kWh annually.

Landfill Free: BD Diagnostic Systems achieved landfill-free status in January 2016 by recycling 2.1 million pounds of material annually and sending the remainder to a waste-to-energy facility.

The Maryland Green Registry Leadership Awards recognize organizations that have shown a strong commitment to the implementation of sustainable practices, the demonstration of measurable results, and the continual improvement of environmental performance.