

2010

EHS Report



Our EHS Policy

Excellence in Environmental Health and Safety

Fenwal is committed to excellence in environmental health and safety (EHS). The goal of the company's EHS programs include meeting or exceeding the requirements of local laws, consistent with our business purpose, principles and priorities. This policy applies to all Fenwal employees worldwide.

Fenwal will provide a safe workplace and healthy environment for our employees, contractors, visitors, communities and others affected by our operations. We will promote and emphasize individual responsibility for safety by all employees and at all levels of management within the organization.

We will comply with all applicable EHS regulatory requirements and continuously measure and improve our EHS practices and processes. We will establish and maintain appropriate controls to ensure adherence to this policy.

We will encourage our employees, visitors and vendors to report environmental, health and safety concerns, and to be involved in the implementation of solutions. We will provide an effective system for case management to help ensure quick and cost-effective recovery from occupational injuries or illnesses.

We will review the EHS practices of key Fenwal suppliers to ensure that they are consistent with Fenwal's EHS policy.

We are committed to the conservation of natural resources, the reduction of waste generation, and the prevention of releases to the air, water or land. We encourage reduction, reuse and recycling of waste. When this is not feasible, we expect our employees and vendors to dispose of waste in a proper, safe and environmentally responsible manner.

Fenwal is committed to continuous improvement. We consider EHS requirements in business planning, decision-making, and before implementing major process changes or new products. Fenwal seeks to create value through its EHS programs by preventing accidents, reducing waste and promoting healthy lifestyles.



Ron Labrum
President and chief executive officer
Fenwal, Inc.

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Our purpose

To be essential to our customers by providing innovative, cost effective and high-quality blood technology solutions that help improve health care outcomes.

Our principles

- Customer focus
- Integrity
- Teamwork
- Continuous innovation
- Meeting commitments

Our people

- Strong
- Experienced
- Supportive

Our performance

Fenwal is committed to excellence in environmental health and safety (EHS). Through its EHS programs Fenwal strives to do better than required based on local environmental, health and safety laws and regulations, consistent with the company's business purpose, principles and priorities.

In 2010, Fenwal improved its health and safety performance, introduced a new wellness initiative and reduced the number of reportable incidents. The company reduced waste through its material-recycling program and better process management.

Continuous improvement

Continuous improvement is a main focus throughout Fenwal, and is integral to its EHS program.

Nearly 75 percent of Fenwal employees have been trained on the principles of lean and six sigma. The company seeks opportunities to reduce waste and improve safety in the development of its products and processes, while improving product and process quality.

In 2010, Fenwal incorporated six sigma principles to enhance its Hazard Identification and Risk Assessment process. This contributed to significant improvements in safety performance (see page 7).

Making a difference

The need for Fenwal products never stops, and each and every day we work to make a difference in people's lives. Our customers serve an important role in human health and well being. Our role is to help them succeed.

This requires that we do all we can to protect the safety of those who make and use our products, while being responsible in our selection of materials, processes and suppliers. We strive to minimize our environmental impact while maximizing the value we bring to our stakeholders, and most importantly to the patients who count on us for life-saving blood therapies.

Fenwal EHS management systems and certifications

Fenwal measures and monitors its EHS performance through a global system called FRESH—Fenwal Recordkeeping for Environment, Safety and Health. This system provides the company with timely metrics on its EHS performance, and allows it to proactively identify and address potential issues.

In addition to the FRESH system, Fenwal conducts internal EHS audits to monitor performance and identify areas for improvement. Based on these results, Fenwal establishes annual company and facility-specific EHS performance targets.

The company's comprehensive and disciplined approach to monitoring EHS performance and establishing metrics for improvement has earned Fenwal global headquarters and all Fenwal manufacturing sites certification under the ISO 14001 International Environmental Management Standard.

In addition, most Fenwal manufacturing sites have achieved certification under the Occupational Health and Safety Standard (OHSAS) 18001. Our goal is for all manufacturing sites to achieve this certification by the end of 2012.

Fenwal products

Fenwal products are used by hospitals, blood and plasma centers worldwide to optimize the collection and delivery of high-quality blood components for use in delivering blood therapies to critically ill patients. EHS considerations are an important factor in our selection of materials, suppliers and business partners. We perform periodic EHS audits of our large suppliers to ensure their operations are consistent with our EHS standards.



Amicus® system

Platelets are transfused to help prevent or stop bleeding. They are used to treat trauma victims, and cancer patients undergoing chemotherapy. The Amicus® system maximizes platelet collection by allowing eligible donors to give up to three platelet doses. The system also allows for the concurrent collection of red cells and plasma, as well as collects mononuclear cells for therapeutic application.



Autopheresis-C® system:

Plasma contains valuable proteins used to treat burn victims, bleeding disorders, human immune deficiencies, and other chronic or genetic disorders. The Autopheresis-C® system collects virtually cell-free plasma for fractionation and transfusion. The system's unique spinning membrane technology optimizes collection over a wide range of volumes. The donation process is safe and comfortable for donors.



Alyx® system

Red blood cells are the most frequently needed blood component, and are used to treat trauma victims and other critically ill or injured patients. The majority of red cells are collected on mobile blood drives, such as at corporations, schools and churches. The Alyx® system addresses the need for a fast, mobile, and easy-to-use automated solution for the collection of red cells, as well as plasma.



Manual blood collection

Fenwal blood collection kits are manufactured using advanced plastic formulations, including DEHP-free components. The company offers a complete line of leukoreduction filters for removal of white cells, which are associated with adverse patient reactions.

Specialty products

In addition to products for automated and manual blood collection, separation, and storage, Fenwal distributes a range of specialty products that support blood center efficiencies and transfusion safety.

Fenwal is the exclusive distributor for the Verax Platelet PGD® test, the first and only rapid diagnostic test to receive FDA clearance for detecting bacteria in both pooled and single-donor platelets.

The company also distributes products such as blood mixers, sealers, and the Accuvein® vein finder, to help improve safety, accuracy and work flow.

Environmental performance

In 2010, Fenwal made significant progress in its environmental performance, and also identified areas for improvement

Waste performance

Fenwal reduced hazardous waste by 30 percent in 2010 due largely to decreased use of solvent materials. This was offset in part by an increase in medical waste driven by more product development activities and quality improvement initiatives, which required product testing.

Reducing air emissions

Process improvements, such as improved handling measures, allowed the company to reduce hazardous air pollutants. Fenwal reported higher emissions for volatile organic compounds, however, due to an increase in product testing related to new product development and quality improvement initiatives.

Recycling

In 2010 Fenwal recycled 85 percent of its waste. The company also partnered with a new recycling vendor, and will work with them to identify additional recycling opportunities.

The demand for recycled glass decreased in 2010, leading to a reduction in glass recycling.

Fenwal continues to seek opportunities to reduce waste, air emissions, and water usage through better process management, and is pursuing opportunities to increase recycling.



Responsible waste management

Fenwal recognizes the importance of the responsible management of materials and wastes associated with production activities.

In 2010 Fenwal joined CHWMEG, Inc. to review the waste-handling facilities that Fenwal uses worldwide.

CHWMEG conducts comprehensive, independent reviews of commercial facilities that treat, store, dispose, recycle, or transport waste.

As a CHWMEG member, Fenwal can cost-effectively monitor supplier practices to help assure the efficient and responsible disposal of the company's waste.

Environmental performance 2009-2010

	Unit of measure	2009	2010	'09-'10 change
Energy use				
Energy use	Million kilowatts	40.95	46.96	15%
Fuel	Thousand gallons	316	306	-3%
Air emissions				
Hazardous air pollutants	Kilograms/million \$	27.64	15.80	-43%
Volatile organic compounds	Kilograms/million \$	17.48	32.79	88%
Waste generation				
Hazardous waste	Kilograms/million \$	37	29	-22%
Medical waste	Kilograms/million \$	35.69	54.60	53%
Kilograms				
Water used	Million liters/ million \$.25	.23	-8%
Recycling				
Plastic recycled	Kilograms/million \$	0.82	2.84	246%
Cardboard	Million kilograms	658.23	563.87	-14%
Glass	Thousand kilograms	8081.00	3902.60	-52%

Health and safety performance

In 2010 Fenwal further improved its safety performance. Across its 4,500-person workforce worldwide, there were 13 Fenwal reportable* safety incidents, none of which resulted in serious harm to employees. This is a rate of .29, which is nearly 10 times better than the medical device industry average of 4.4.

Employee safety

An enhanced Hazard Identification and Risk Assessment (HIRA) process was a main driver for the improved safety record. Through the HIRA program, all Fenwal manufacturing facilities completed a thorough assessment of their operations to identify potential employee safety hazards.

Each facility reviewed their findings, identified areas for improvement, and established a timeline for implementing enhanced preventative measures, most of which will be completed in 2011.

Employee wellness

To improve employee health and wellness, Fenwal launched a new global program called WellnessNOW.

The multi-faceted program provides information and resources to help employees and their families live better, healthier, more productive lives. The program includes on-site meetings, fitness challenges, and webinars on wellness topics.



Fenwal Fitness Challenge

More than 30 percent of Fenwal employees made a pledge to improve their personal health and wellness through the 2010 Fenwal Fitness Challenge. In the process, the 1500 participants learned more about each other and the company, while taking steps towards a healthier lifestyle.

Individual accomplishments ranged from increasing daily physical activity, quitting smoking, and achieving healthy weight loss, to adopting healthier eating habits.

Fenwal recognizes that health and wellness is important to employee performance, and can result in fewer loss work days and lower health-care costs. We believe investments in programs such as this help improve employee satisfaction and overall well-being, while helping the company improve its performance and lower costs.

The Fenwal Fitness challenge, now an annual event, was launched as part of the company's global WellnessNow program.

* For global purposes, Fenwal has adopted the nomenclature "Fenwal reportable" for safety incidents that require medical treatment. The criteria are essentially the same as the U.S. equivalent of OSHA recordable.

Health and safety performance 2009-2010

	2009	2010
# Restricted work cases	3	0
# Lost work day incidents	20	10
# Fenwal reportable* incidents	28	13
Fenwal reportable* rate	1.13	0.29

Looking ahead

While we made progress in our environmental, health and safety performance in 2010, we continue to challenge ourselves to do better. Fenwal EHS priorities for 2011 focus on enhanced business continuity planning, proactive EHS indicators, material selection, and sustainability.

Business continuity

Blood collectors, clinicians and patients around the world rely on Fenwal for life-saving blood therapies. This is a responsibility we take seriously, and why we have always maintained contingency plans to address potential threats to our normal business operations.

In 2011 Fenwal will review and further enhance its global business continuity plans to assure we are prepared for any potential risks to critical business operations. In 2012, a global committee, lead by EHS, will deliver the enhanced plan, which will address new or emerging threats, recovery strategies and readiness training.

Proactive indicators

In 2011, Fenwal is taking a more proactive approach to measuring its EHS performance. While we will keep the metrics in place today, the company will build on those to include metrics for activities that influence, or predict, our EHS outcomes. These are simple, straightforward metrics that are consistent across all facilities, and are directly linked to EHS performance.

Material selection and packaging

Fenwal EHS and research and development teams are reviewing the materials the company uses to develop, manufacture, and package its products. The goal is to identify high quality, cost effective materials that allow Fenwal to reduce its environmental impact while maintaining or improving product performance.

Sustainability

Fenwal cares about its business impact on the environment and on its communities. In 2011 Fenwal will evaluate how it can expand its EHS reporting to include its social impact through product stewardship and community involvement.

Pandemic preparedness

Immediately following the cholera outbreak in Haiti in October 2010, Fenwal implemented a pandemic preparedness plan at its manufacturing facility in neighboring Haina, Dominican Republic.

Fenwal educated employees on cholera prevention and causes, met with food service suppliers to ensure safe food sources, and reviewed business continuity plans.

These measures were effective. No cholera cases were reported at any Fenwal facility, and our operations were not impacted.

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