



Pall Corporation

## Sustainability Report



Better Lives.  
Better Planet.



## About This Sustainability Report

The reporting of Pall Corporation’s sustainability strategies and programs are based on a disciplined process of setting clear objectives and measuring our progress. We recognize the need to report quantifiable metrics and targets, in particular as they relate to our environmental and economic impact. We will also include a discussion of various initiatives and our progress from year to year. Pall relies on a variety of external standards to guide it through this process.

Pall Corporation strives to improve continuously and be transparent in our reporting practices. We invite you along on our journey as we help to build a safer, greener future.

This report reflects Pall’s global operations and its subsidiaries for Fiscal Year 2010 (ended July 31, 2010) or Calendar Year 2010, unless otherwise noted.

All currency is stated in U.S. Dollars.

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## Pall’s Core Values

- *Do what is right for the customer*
- *Conduct business with integrity*
- *Mutual respect*
- *Expect and reward excellence*
- *Protect the environment*
- *Be an asset to local communities*





## Company Profile

Pall Corporation solves complex filtration, separation, purification and contamination control problems for diverse customers around the world. These solutions enable industrial companies, health care enterprises, and municipalities to ensure the purity of water and food; engineer lifesaving vaccines and biotechnology drugs; help protect patients and caregivers; and develop fluid management innovations for almost every manufacturing process. Our enabling technologies help make good products better, safer and even possible.

Sophisticated filtration systems are widely used by manufacturers, hospitals, blood centers, laboratories, aircraft operators, energy producers and municipal water suppliers. Pall is the only company in the filtration industry with capabilities for all of these markets.

The global filtration market is being driven by water and energy needs, imperatives for quality and productivity, emerging and mutating pathogens, new biotech drugs and vaccines, high-tech products and processes, increasing regulations, and rising standards of living.

Pall is much more than a filter company. We are Total Fluid Management<sup>SM</sup> specialists. Our wealth of scientific knowledge, deep applications experience and extensive portfolio of proprietary materials give us unmatched capabilities to help customers be more successful, and to help enable a safer, greener, more sustainable future for everyone.

To learn more about Pall, please visit our website at [www.pall.com/green](http://www.pall.com/green) or follow us on Twitter @pallcorporation.

# A Cleaner Technology.



## FY 2010 Financial Highlights

<i>(In thousands, except for per share data)</i>	2010	2009
Net sales	<b>\$2,401,932</b>	\$2,329,158
Cost of sales	<b>\$1,195,830</b>	1,228,468
Gross profit	<b>1,206,102</b>	1,100,690
Selling, general and administrative expenses	<b>739,936</b>	699,832
Research and development	<b>74,944</b>	71,213
Restructuring and other charges (ROTC), net	<b>17,664</b>	30,723
Interest expense, net	<b>14,324</b>	28,136
Loss on extinguishment of debt	<b>31,513</b>	—
Earnings before income taxes	<b>327,721</b>	270,786
Provision for income taxes	<b>86,473</b>	75,167
Net earnings	<b>\$241,248</b>	\$195,691
Earnings per share: Basic	<b>\$2.05</b>	\$1.65
Diluted	<b>\$2.03</b>	\$1.64

## Corporate Governance and Ethics

Pall Corporation's Board of Directors is committed to monitoring the effectiveness of policy and decision-making, both at the Board and management level, with a view to enhancing shareholder value over the long term. They also monitor the policies and decision-making keeping in mind the best interests of our employees and the communities in which Pall operates.

Our company has always been committed to conducting our business with integrity, in accordance with the highest ethical standards, and in compliance with applicable laws and regulations. We understand that how we conduct business and treat others – our employees, customers, suppliers, and communities – determines how the world views us.

Whether working as individuals within the Company, or as a Company within the global community, we are guided by our principles of ethical behavior. Those principles are embodied in Pall's Code of Ethical Behavior, which applies to all employees, directors, and all others when

acting for Pall Corporation, its subsidiaries and divisions.

Pall's outstanding reputation in the marketplace and community flows from our steadfast commitment to "do the right thing." To safeguard that reputation, we have instituted a mandatory, global program of compliance training for all Pall employees. The on-line training covers a wide range of business ethics and compliance subjects, tailored to the needs of our employees and monitored by management.

As part of the Company's overall compliance efforts, we have established local toll free Alert Line numbers in every location where we operate (where allowed by law). Questions may be asked or concerns reported anonymously, and are taken seriously. Reported concerns are investigated and corrective action is taken where indicated.

[www.pall.com/governance](http://www.pall.com/governance)

## Our Commitment to Sustainability

As a global market leader in fluid management, there is no greater calling than helping customers protect people, the environment and our natural resources. Often called the original clean technology company, Pall is implementing innovations that purify and conserve water, consume less energy, make alternative energy possible, advance medicine, and minimize emissions and waste. We are dedicated to helping customers minimize their carbon footprints, maximize recycling and waste reduction efforts, and ensure the most efficient utilization of natural resources and raw materials. We are applying the same know-how and dedication to our own operations.

Pall's approach to environmental stewardship is proactive and is anchored in a culture of continuous improvement. We team with customers in ways specific to their industries, providing them with

technologically superior products and engineered process solutions that improve and strengthen their businesses while reducing their environmental impacts.

The same is true in our own business. We have adopted ambitious goals to continuously improve Pall's environmental profile, both for the near- and the long-term. We exceeded key benchmarks at the end of fiscal year 2010 and further challenged our teams to set and achieve new goals for 2013.

Pall is working to integrate environmental sustainability metrics into our business. We do this by using globally accepted greenhouse gas and life cycle assessment protocols to measure and manage greenhouse gas emissions.

Committees at Pall facilities are set up to oversee on-site programs in order to identify and implement strategies to achieve our sustainability goals. Best practices are benchmarked and shared among our manufacturing facilities worldwide. Some of the steps we are taking to accomplish these sustainability goals are discussed in the following pages. We encourage you to visit our website at [www.pall.com/green](http://www.pall.com/green) for continuing updates on progress, as well as for information about other initiatives.

Pall Corporation is helping to make our world a little bit safer, greener and better every day.

[www.pall.com/green](http://www.pall.com/green)

## A Greener World.





## **We exceeded our goals for 2010.**

We reduced our water and energy utilities intensity an average of

11%

We reduced our total waste output intensity by over

26%

We reduced our GHG emissions intensity by over

12%

## **Reducing Our Carbon Footprint**

In 2008, Pall joined with many other companies in the Carbon Disclosure Project (CDP), a global initiative to inventory greenhouse gas (GHG) emissions and evaluate the risks and opportunities from climate change on business operations. Our annual GHG inventory provides important baseline information that is used to make informed and effective policy decisions to reduce Pall's carbon footprint.

## **Shrinking our Manufacturing Footprint**

Pall is committed to shrinking its manufacturing footprint by consolidating operations and maximizing capacity. Both steps continue to reduce our utility consumption and carbon emissions worldwide.

We exceeded our 2010 goals of 10% reductions in utilities, waste and carbon emissions.

## **Meeting and Exceeding International Environmental Standards**

ISO 14001 is the international standard for environmental management systems. Worldwide, all of Pall's manufacturing plants have achieved ISO 14001 certification. The program has helped Pall minimize environmental impact, improve compliance and reduce both risk and costs.

Pall's manufacturing operations comprise about 80% of the company's total square footage of leased or owned properties.

## **We set new goals for 2013.**

- Reduce VOC Emissions by 5%
- Reduce Utilities Usage by 20%
- Increase Reuse/Recycling by 16%
- Reduce Waste by 20%
- Reduce GHG Emissions Intensity by 18%





*Pall “Green Teams” in each manufacturing facility help identify ways to reduce waste. The teams brought their ideas to fruition, with projects ranging from simple recycling programs to complicated membrane bioreactors to eliminate hazardous waste streams.*

## **Progress – Water Consumption Reduction**

Water is a precious natural resource and Pall is committed to reducing the process water used in our operations.

**Goal:** Reduce water consumption by 10% in 2010 from 2006 baseline.

**Result:** We achieved a reduction in water consumption of 16.3% from our FY 2006 baseline. This includes process, contact and non-contact cooling water.

# A Healthier Environment.

## **Progress – Waste Reduction**

Waste reduction and recycling is a cornerstone of Pall’s environmental agenda. A comprehensive program to map out material and chemical waste streams has yielded significant improvements in our operations across the globe.

**Goal:** Reduce waste output by 10% in 2010 from 2006 baseline.

**Result:** Pall employees identified a variety of ways to decrease waste generation in our manufacturing operations. We achieved a reduction in total waste generation of 26.8% from our FY 2006 baseline. This includes a combination of hazardous, industrial, solid, and medical wastes.

## **Progress – GHG Reduction**

As active partners in local and regional climate change initiatives, Pall has been steadily decreasing its GHG emissions intensity from its manufacturing and R&D operations.

Our GHG emissions are a direct reflection of our reduced energy consumption. In 2008, Pall implemented a program to consolidate its manufacturing footprint. This effort, along with our diligent focus on reducing energy use, is driving our success.

**Goal:** Reduce GHG emissions intensity by 10% in 2010 from 2006 baseline.

**Result:** Pall Corporation is committed to developing programs to reduce our GHG emissions. We achieved a reduction in greenhouse gas emission intensity of 12.5% from our FY 2006 baseline. Pall uses an indexed value because we produce a wide variety of products and have experienced consistent growth in our manufacturing operations.

## Summary Environmental Data

NET SALES	2006	2007	2008	2009	2010
(Dollars in millions)	\$2,016.8	\$2,249.9	\$2,571.6	\$2,329.2	\$2,401.9
WASTE, UTILITY & CARBON REDUCTION DATA (Figures in absolute terms unless otherwise indicated)					
	2006	2007	2008	2009	2010
ENERGY USAGE FROM PALL OPERATIONS					
Gigajoules	1,252,691	1,216,852	1,419,244	1,524,251	1,414,484
GJ/\$ Net Sales	0.062	0.054	0.055	0.065	0.059
GHG EMISSIONS Indexed					
kg CO2e/\$ Net Sales	0.072	0.065	0.060	0.064	0.063
TOTAL WASTE					
Tons	15,241	18,368	18,664	13,563	13,284
Ton/\$ Net Sales	7.56	8.16	7.26	5.82	5.53
WATER USAGE					
Million Gallons	405	447	446	381	404
Gallon/\$ Net Sales	0.201	0.199	0.173	0.163	0.168

### Progress – Carbon Footprint Tools for Customers

We have developed tools that quantify the reduced energy consumption and greenhouse gas emissions avoided if the customer were to use one of our Ultipor® filters in lieu of a competitor's product. The Pall filter allows the pumping system to work more efficiently – while maintaining the same volume and velocity. This reduction in electricity consumption can be directly converted to a reduction in greenhouse gas emissions.

Using Pall technology, the customer's total cost of ownership is reduced. For example, decreasing the number of filter change outs ultimately reduces the quantity of replacement fluids and waste fluid disposal.

**Goal:** Develop tools to demonstrate how Pall's technical solutions reduce the carbon footprint of our customers' operations.

**Result:** We developed carbon footprint calculators for our customers to estimate GHG emission savings when using Pall products.

### Progress – Life Cycle Assessments

Pall is using Life Cycle Assessment (LCA) to evaluate the environmental impact or "carbon footprint" of select products. Our product LCAs start when raw materials are extracted from the earth or otherwise produced. The cycle continues with manufacturing, transport and customer use and ends with final disposal/recycle. At every stage of the life cycle there are emissions and consumption of resources. Pall also uses the LCA process to collect material and energy information to help us identify where we can make process improvements.

**Goal:** Develop life cycle assessments and product carbon footprints for selected products to support our customers' needs.

**Result:** Pall completed its first LCA in 2010 for its Ultipor® filter line used in the food & beverage industry. In addition, we launched a second LCA for a Life Sciences blood filtration product.



## How Pall is Helping Customers

*Here is just a small sampling of the environmental solutions we provide to help customers solve their complex contamination, separation, purification and detection challenges.*

## Protect the Environment

- Minimize emissions and waste
- Treat wastewater
- Meet environmental regulations
- Monitor air quality
- Monitor water quality
- Treat contaminated ground water

## Conserve Energy and Resources

- Recycle water
- Enable clean, sustainable alternative energy sources
- Increase fuel efficiency
- Maximize life and yield of chemicals
- Reduce chemical consumption
- Reduce volume of raw materials
- Reduce manufacturing footprint and environmental impact
- Reduce equipment downtime

## Protect Customers, Patients and Employees

- Ensure the availability and safety of blood products
- Detect and prevent food-borne illnesses
- Prevent and treat dangerous diseases
- Reduce risk of hospital-acquired infections
- Ensure the purity of pharmaceuticals
- Purify water for drinking
- Protect the food supply
- Purify vehicle and aircraft cabin and engine air
- Reduce operator exposure to harmful contaminants

[www.pall.com/green](http://www.pall.com/green)



# A Total Fluid Management<sup>SM</sup> Strategy.

# Case Studies

Pall Products  
Deliver Sustainable  
Social Benefits

## Pall GeneDisc® Technology a Key Detection Tool in *E. coli* Outbreak

Pall Corporation's GeneDisc® System assisted German authorities in their race to find the source of the deadly strain of *E. coli* that sickened more than 3,000 people and disrupted that nation's food industry. Pall's GeneDisc technology was used by Germany's national reference laboratory to expedite testing of food samples for the toxic strain of the pathogen known as *E. coli* O104:H4 (STEC).

Pall's GeneDisc test kit was used for investigative screening of potential *E. coli* O104:H4 samples, as well as for confirmation of presumptive positive samples. The GeneDisc system has proven highly effective in rapidly identifying STEC and helped Germany's Federal Institute for Risk Assessment manage the public health crisis.

The Pall GeneDisc System is a rapid, simple and reliable testing solution for the detection of multiple food-borne contaminants. Based on real-time Polymerase Chain Reaction (qPCR) technology, the system features an exceptionally robust platform utilizing ready-to-use consumables. The system and test procedure yields consistent results and virtually eliminates operator error. Data on the presence or absence of multiple pathogens are produced in as little as one hour after enrichment, as opposed to the days required by traditional methods.

The Pall GeneDisc System recently became the first technology to receive multiparametric validation from the AOAC Research Institute for the detection of non-O157 STEC in meat. The system enables producers to test simultaneously for the pathogenic *E. coli* O157 and four of the top six non-O157 STECs targeted by the U.S. Department of Agriculture. GeneDisc is also validated for Salmonella and *E. coli* O157:H7 testing. The Pathogenic *E. coli* O104:H4 test kit is the newest commercial assay in the GeneDisc product line.

[www.pall.com/genedisc](http://www.pall.com/genedisc)



## An Urgent Response.

## New Zealand Military Deploys Pall Water System to Quake Damaged Communities

In February 2011, a 6.3 magnitude earthquake hit New Zealand and disrupted the municipal water system for thousands of residents. A Pall Corporation mobile water treatment system, owned and operated by the New Zealand Military, was deployed as part of its humanitarian efforts to produce clean drinking water for residents of Brighton, Lyttleton and Christchurch.

A Pall WTS40 system provided a total of 40,000 liters (10,500 gallons) of water per day for earthquake relief in New Zealand. The WTS40 system is capable of producing drinking water from almost any raw water source within hours after delivery. Using state-of-the-art hollow fiber and reverse osmosis (RO) membrane technologies, the systems desalinate seawater and transform it into water that is free from harmful bacteria, cysts, and particles. Requiring minimal manpower for operation and maintenance, they enable municipalities, military units and ships at sea to boost water production on a permanent or temporary basis.

The WTS40 systems provided a reliable source of drinking water in Christchurch until the municipal infrastructure was rebuilt. Pall was pleased to be able to help the New Zealand Defence Force manage

the disaster situation in Christchurch. Pall has previously supplied mobile water treatment systems to the New Zealand military for use on naval vessels. This was their first application of the technology for land use.

Pall filtration equipment has been used to assist in other natural disaster efforts globally. In June 2010, Pall was contracted by the city of Calexico, California, to deliver four Pall Aria™ mobile water treatment systems supplying a total of up to four million gallons of potable water per day. The Pall systems were deployed following an earthquake that disrupted the city's water supply, and helped the city meet its critical needs until the existing municipal system could be restored to full operation.

In October 2009, two Pall Aria mobile water treatment systems were deployed as part of "Operation Padang Assist," the Australian government's humanitarian response to earthquakes in Indonesia. Two water sources established by the Australian Department of Defence on the beach of Padang used the Pall systems to convert seawater into potable water for up to 75,000 households.

Pall is a leader in membrane technology solutions for municipal development, industrial water applications, and emergency relief. The Company provides water treatment systems for large and small municipalities and industrial customers around the world. In addition to serving the \$6 billion municipal water market, Pall's filtration technology is increasingly becoming a critical step in treating water for a wide range of applications. This includes intake and process water for food, beverage, chemical, oil, gas, power and semiconductor production, among others. Pall's technology helps ensure a greener future by enabling businesses to conserve and reuse water and to restore wastewater to environmentally safe levels before discharge.

[www.pall.com/water](http://www.pall.com/water)





## Pall Corporation Launches New Filtration Modeling System to Optimize Biofuels Processes

In November 2010, Pall Corporation announced the launch of a new system to assist in the research and development of biobased processes that will enable the production of fuels and chemicals from renewable feedstocks. Pall's Research and Modeling scale (RAMs) Crossflow Filtration System is designed to help research centers, universities, national labs, and process developers evaluate the use of membranes and create reliable early economic guidance for future scale-up of their applications.

The new Pall system integrates a high level of data collection with a small batch production capability to facilitate large-scale process and economic modeling during early stages of development, prior to field evaluation. It is capable of concentrating fluid streams by more than ten times and enables operators to evaluate inorganic, ceramic, stainless steel, and organic hollow fiber membranes, among others.

The flexibility of the RAMs system makes it ideal for crossflow filtration feasibility studies comparing the effectiveness of different membranes in specific applications, and enables the design of cost-effective "fit-for-purpose" pilot scale systems.

This enables the Pall system to facilitate significant cost savings over generic piloting systems, and provide users with essential economic information concerning scale-up much earlier in the development process.

There is a global movement focusing on the process development of biobased fuels and chemicals, which can augment the supply of petroleum-derived fuels and chemicals. The use of renewable materials represents a paradigm shift driven by decreasing fossil resources and increasing carbon accumulation in our atmosphere that may be contributing to global warming.

The RAMs system will help developers understand how membranes can be applied to their processes, and can be used to develop early stage guidance for the use of membranes in several applications areas. These include: prefiltration and product purification for biobased chemical production, high biomass solids recycling and perfusion in fermentation processes, algal biomass separation and concentration, and diafiltration. Working with the RAMs system enables the optimal membrane selection for a particular process, and allows quicker development times. Helping facilitate the development of the biofuels industry is part of Pall's continuing commitment to enabling a greener future.

[www.pall.com/chemical.asp](http://www.pall.com/chemical.asp)



# A Significant Impact.

## Pall-Aquasafe™ Water Filters Reduce Hospital-Acquired Infection

The World Health Organization (WHO) estimates that 8.7% of hospital patients suffer from hospital-acquired infections (HAIs) at any given time<sup>[1]</sup>, and within the U.S., approximately 99,000 deaths resulted from HAIs in 2002<sup>[2]</sup>. Nearly a decade later, HAIs continue to be a key focus for hospital risk managers, and in the search for a solution, pathogens transmitted via hospital tap water are increasingly being recognized as a primary culprit.

Pall-Aquasafe™ filters provide a rapid method for removing microorganisms from the water supply at the point-of-use (POU). They are proven effective in filtering waterborne pathogens (WBPs) known to cause HAIs, including *Legionella* spp. and *Pseudomonas aeruginosa*. The Pall-Aquasafe POU filters are particularly instrumental in high-risk patient areas, where protection of the immunocompromised population is imperative.

Unlike traditional disinfection methods, Pall-Aquasafe filters create a physical barrier that prevents the transmission of WBPs from faucet and shower outlets. Hospital studies have demonstrated that tap water

filtered through Pall-Aquasafe filters consistently tests negative for WBPs, while the incidence of HAIs in the test patient population drops significantly. A 2008 study by Professor Matthias Trautmann of the Institute for Hospital Hygiene in Stuttgart, Germany, found 100% efficiency in filtration of WBPs in water samples from Pall-Aquasafe filter-equipped taps<sup>[3]</sup>. In addition, the study found that the Pall-Aquasafe POU solution reduced the net cost of HAI control by reducing the cost of patient care.

Pall-Aquasafe water filters provide filtered water for topical use, personal hygiene, wound care, consumption and preparation of cold drinks and food, and for rinsing of medical instruments. The double layer sterilizing grade Supor® membrane is rated and validated at 0.2 micron and protects against waterborne particulates, fungi and bacteria such as *Legionella* spp. and *Pseudomonas* spp. Additionally, all polymeric materials of water filter construction are fully recyclable.

1. WHO, Prevention of hospital-acquired infections. A practical guide. 2nd Edition. [www.who.int/csr/resources/publications/whocdscsreph200212.pdf](http://www.who.int/csr/resources/publications/whocdscsreph200212.pdf)
2. Klevens R.M. et al., Estimating health care-associated infections and deaths in U.S. hospitals, 2002. Public Health Reports. March-April, 122: 160-6. 2007
3. Trautmann M. et al., Point-of-use water filtration reduces endemic *Pseudomonas aeruginosa* infections on a surgical intensive care unit. American Journal of Infection Control. 36 (6): 421-9. 2008

[www.pall.com/medical](http://www.pall.com/medical)



## Pall Pensacola Helps Clean Up Gulf Oil Spill

As the Gulf oil spill wreaked havoc on the environment, Pall played a small but important role in helping to protect the beaches of Pensacola. Innovative thinking and a well-orchestrated team effort gave Pall Pensacola the opportunity to donate 12,000 pounds of polypropylene membrane to the City of Gulf Breeze, Florida. The absorbent material helped the municipality soak up oil that began arriving there in June of 2010.

Polypropylene is the most common form of absorbent for lifting oil from water. Its fast-wicking fibers absorb 25 times their weight in petroleum-based liquid, but repel water. Pall Pensacola produces polypropylene for use in water filtration applications, as well as in many other Life Sciences and Industrial applications requiring high dirt-holding capacity.

Pall Pensacola employees volunteered to assemble netting “socks” with polypropylene donated by Pall Corporation to help soak up oil from the Gulf spill. Pall trims rolls of polypropylene on the production line every day to customer specifications, and as a result, accumulates leftover material. Pall employees recognized the opportunity to put the trimmings to good use in the local cleanup effort. Sixteen Pall employees and their families joined the effort to help bag the membrane material into netting “socks” to soak up the oil and help contain environmental damage.

By repurposing the polypropylene for a “second life” to abate the oil contamination, Pall Pensacola accomplished a doubly significant environmental achievement. This is highly compatible with Pall’s commitment to environmental stewardship globally; it is also an excellent demonstration of Pall ingenuity and the positive impact we can all have in our communities. The City of Gulf Breeze was extremely grateful for Pall’s support and innovative thinking to assist in the clean-up efforts after the disaster.

[www.pall.com/news](http://www.pall.com/news)



## An Innovative Approach.



## Pall Corporation Launches Next Generation Blood Filter that Simultaneously Reduces Prions and Leukocytes

Pall Corporation launched the Leukotrap® Affinity Plus Prion and Leukocyte Reduction Filter System in 2010. The new blood filter reduces prions and leukocytes in a single step. The Leukotrap® Affinity Plus System is CE marked in accordance with requirements set out in the Medical Devices Directive (93/42/EEC).

Infectious prions (PRP<sup>SC</sup>) are known to be the causative agent of variant Creutzfeldt-Jakob disease (vCJD). The Pall Leukotrap Affinity Plus System reduces PRP<sup>SC</sup> prion by >3 LOG on average, based on Western blot methodology. As a primary leukocyte and prion reduction technology, it also facilitates superior hemoglobin recovery, to meet current EU requirements.

CE marking of the Pall Leukotrap Affinity Plus System supports new guidance from the United Kingdom's Advisory Committee on the Safety of Blood, Tissues and Organs (SaBTO), which recently recommended pre-transfusion filtration of red blood cells to remove prions, for children born after

January 1, 1996. The guidance, which is subject to completion of clinical trials currently underway in Britain, is a response to the incidence of vCJD in the wake of the

bovine spongiform encephalopathy (BSE) cases in Europe.

Recommendations made by the SaBTO take an important step in securing the U.K.'s blood supply from this devastating disease. Pall's next generation Leukotrap® System reflects our ongoing commitment to advancing blood safety and availability. It builds on Pall's legacy of innovation as the originator of leukocyte filtration. Introduced in the early 1990s, Pall's leukoreduction filters are the global standard of care for transfusion medicine.

A human form of BSE, or Mad Cow Disease, vCJD is a fatal neurodegenerative disease, which can lie dormant for many years and for which there is no cure. Since 1996, strong evidence has accumulated for a causal relationship between outbreaks of BSE in cattle and vCJD in humans. Since people can incubate vCJD with no clinical signs or symptoms of disease for decades, there is no way to determine who or how many people may be harboring the fatal prion nor how many of these people may be blood donors. A single vCJD-infected blood donor has the potential to amplify human-to-human transmission, creating the basis for a far more widespread infection.

Pall's goal is to help blood centers and hospitals enhance their ability to provide patients with access to the safest blood possible for transfusions. We do this by developing innovative technologies that they can efficiently and economically put into practice. This new product, which simultaneously accomplishes prion filtration and leukocyte reduction, brings us another step closer to this shared goal.

[www.pall.com/blood](http://www.pall.com/blood)





## Caring for Our Communities

Pall Corporation believes in supporting and enriching the overall environment and the communities in which it operates. This benefits our host communities and fosters a sense of pride and corporate responsibility for our shareholders and employees. It makes Pall a more attractive employer and improves its relationships with local government.

The Company focuses its donation efforts in science and technology, education, environmental conservation, social services and the arts. Pall gives added weight to charities that have received its prior support, local deployment of contributions, organizations such as educational institutions that may benefit its employees and their families, and causes that reinforce the role of filtration generally in improving the health and safety of the community.

Pall may donate capital, services, volunteer time and products. Amounts vary according to the need of the organization and the level of support determined appropriate by Pall.

Pall receives many more requests for donations than it can support. A decision to decline a request does not imply that the applicant's program is not needed or valued, but simply that it does not fall within our giving guidelines or priorities, or that funds or other support sought are not available.

[www.pall.com/policies](http://www.pall.com/policies)



## Getting Greener All the Time

*Embedded in Pall's business philosophy is a culture of continuous improvement. This is the foundation of our commitment to customers and also applies to our environmental stewardship. From the benchmarking of goals to the transference of best practices, Pall's unwillingness to accept the status quo is the engine that drives our success.*

## Health & Safety

Talented, dedicated people are what help make a world-class company. We strive to attract, retain and develop the best talent and provide meaningful opportunities for professional growth and success. Protecting what is our most valuable resource is our number one concern.

Pall has set rigorous standards for safety to protect our workforce. All Pall employees from top management to line employees share this commitment. The management of each operating unit is responsible for cultivating a "safety-first" attitude and of ensuring compliance to all health & safety regulations and to the corporate health & safety policies.

Pall Corporation's safety policy is aimed at preventing the exposure of employees, customers, and visitors to our facilities to health or safety risks. Each Pall facility has implemented a plan to reduce the accident and lost time case rate with the long-term goal of achieving zero accidents and zero lost time cases.

Pall has established a series of voluntary health, safety and environment (HSE) goals to address two strategic initiatives: to provide a safe and healthy workplace and to protect and improve the environment. Managed by a Safety Committee at each Pall site, HSE programs not only comply with training requirements, but also incorporate the varied interests of our employees. A growing number of sites have established "Green Committees" for employees passionate about environmental sustainability.

## Equal Employment Opportunity

Pall Corporation follows a policy of equal employment opportunity for all qualified individuals without discrimination because of race, color, religion, sex, sexual orientation or preference, gender identity, age, marital status, national origin, citizenship, disability, veteran or military status or any basis prohibited by law. Underscoring this policy is our strong concern for our employees' dignity and well-being and our commitment to provide a safe, productive and professional work environment.

Every effort is made to ensure that our policies regarding hiring, salary administration, promotion and transfer are based solely on job requirements, job performance and job-related criteria. In addition, our personnel policies and practices – including those related to compensation, benefits, transfer, retention, termination, training, self-development opportunities, as well as social and recreational programs – are administered without discrimination on the basis of race, color, religion, sex, sexual orientation, age, national origin, disability, veteran status or any basis prohibited by law.

# A Higher Standard.



## Business Recognition



(Since 1991) Pall Corporation is a publicly traded company listed on the New York Stock Exchange under the ticker PLL. Listed companies must continuously meet rigorous financial and governance requirements.

<http://www.nyse.com>



### Fortune 1000

(Since 1991) Pall is included in the Fortune 1000, an annual list compiled and published by *Fortune* magazine that ranks the top 1000 U.S. closely held and public corporations by revenue.

<http://money.cnn.com>



### S&P 500

(Since 1987) Pall is included in the S&P 500 index – one of the most commonly used benchmarks for the overall U.S. stock market. The S&P 500 is a capitalization-weighted index published since 1957 of the prices of 500 large-cap common stocks actively traded in the United States.

<http://www.standardandpoors.com>

## Environmental Recognition



### ISO 14001 Certification

ISO 14001 is the international standard for environmental management systems. Worldwide, all of Pall's plants have achieved ISO 14001 certification. Certified companies must provide assurance about their ability to satisfy quality requirements and to enhance customer satisfaction in supplier-customer relationships.

<http://www.iso.org>



### EPA Climate Leaders

(Since 2008) Climate Leaders is an EPA industry-government partnership that works with companies to develop comprehensive climate change strategies. Partner companies commit to reducing their impact on the global environment by completing a corporate-wide inventory of their greenhouse gas emissions based on a quality management system, setting aggressive reduction goals, and annually reporting their progress to the U.S. EPA.

<http://www.epa.gov>

# A Recognized Leader.

#### CARBON DISCLOSURE PROJECT

##### Carbon Disclosure Project

(Since 2008) Pall participates in the Carbon Disclosure Project (CDP), a global initiative to inventory greenhouse gas (GHG) emissions and evaluate the risks and opportunities from climate change on business operations. Companies use their annual GHG inventory to make informed and effective policy decisions to reduce their carbon footprint.

<https://www.cdproject.net>

#### CLEANTECH INDEX

##### Cleantech Index

(Since 2006) Pall is included in the Cleantech Index – the first stock market index intended to reflect the surging demand for clean technology products and services. The index is comprised of companies that are global leaders in Cleantech across a broad range of industry sectors, from alternative energy and energy efficiency to advanced materials and air and water purification.

<http://cleantech.com>



##### FTSE4Good FTSE4Good

(Since 2001) Pall has been independently assessed according to the FTSE4Good criteria and has satisfied the requirements to become a constituent of the FTSE4Good Index Series. FTSE4Good is an equity index series that is designed to facilitate investment in companies that meet globally recognized corporate responsibility standards.

<http://www.ftse.com>

## Technology Recognition



##### Engineering Materials Achievement Award

(2010) Pall Corporation won the prestigious Engineering Materials Achievement Award (EMAA) for 2011 for its porous iron aluminide technology. The award, which recognizes outstanding achievements in the field of materials science, is given annually to one company by ASM International, a society dedicated to the development and commercialization of materials that advance production techniques and facilitate innovation. Previous winners include DuPont for aramid fiber, IBM for magnetic recording media, and AT&T Bell Labs for transoceanic optical fiber systems.

<http://www.asminternational.org>



##### National Inventors Hall of Fame

(2008) Dr. David B. Pall, founder of Pall Corporation, was inducted into the National Inventors Hall of Fame. Dr. Pall's body of work in the field of filtration science earned him a place among legendary innovators including Alexander Graham Bell, Walt Disney, Thomas Edison and Henry Ford.

<http://www.invent.org>



##### National Medal of Technology

(1990) On behalf of Pall Corporation, Dr. Pall received the National Medal of Technology, the highest technology honor in the United States. Other past winners include Microsoft, Applied Materials, Proctor & Gamble and Johnson & Johnson.

<http://www.uspto.gov>



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Pall Corporation has offices and  
plants throughout the world.



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