

ISO9001:2015  
REGISTERED



# Alternate Energy Systems, Inc.

LPG Vaporizers - LP/Air Blenders - Gas/Gas Blenders - NatGas Backup Systems - PeakShaving Systems

## COMPANY PROFILE

Vaporizers, Mixers/Blenders, Vaporizer-Mixer Combinations, and related Systems and Components for Propane, Butane and other LPG, for Industrial, Commercial, and Utility Applications.



“At AES, “just good enough” is never good enough. AES is committed to both quality products and customer service. We strive to understand our customers and to continuously improve so we can exceed their needs and expectations”

Steven Chambers, President

## HISTORY

From the beginning in 1974, Alternate Energy Systems (AES) has put emphasis on excellent and innovative product design and quality workmanship. The founder of the company, John E. Hallberg had spent many years designing products for other manufacturers in the industry before he set out to design and manufacture a product line that represented, "...the combination of the best ideas from over 20 years of experience..." The result was products which were truly superior to those of his competitors - very quickly giving AES the reputation of being an innovative manufacturer of quality products.

Soon, the customer list comprised a representative cross-section of Fortune 500 companies across the U.S.

Through the years, AES has constantly added new products and has further improved the design of its existing products - keeping them consistently ahead of their competition.

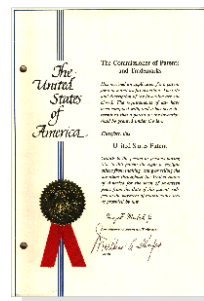
Several designs, including those of LPG/Air Mixing Systems have been awarded national and international patents.

## CUSTOMERS

Over the course of the past 45 years, AES products have been installed in countries all around the world - from the extreme cold climates of the Arctic, to desert Middle East countries with extremely warm climates and extreme day/night temperature swings.

In the early 1990s, AES began exporting product to the Far East - mainly to China - where it used by utility companies as a primary fuel source in their effort to replace environmentally critical fuel sources with clean-burning natural gas.

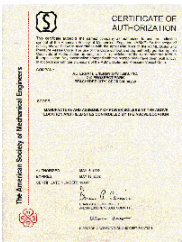
Where natural gas pipelines do not (or not yet) reach a city, LPG/air gas, generated with AES' superior POM blending system, is used.



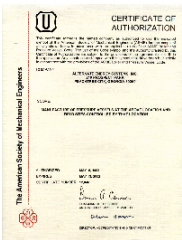
National and international Patents recognize the innovative nature of Alternate Energy Systems' products.

## APPROVALS

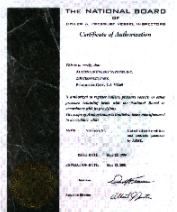
AES products are designed and manufactured to applicable U.S. and international standards, rules and regulations, including NFPA 58, ASME Boiler and Pressure Vessel Code, European CE, etc. Essentially all our products are Factory Mutual (FM) approved and listed with American Gas Association (AGA) Canadian Standards Association (CSA), and Canadian Gas Association (AGA).



They can also be built for Industrial Risk Insurers (IRI) installations.

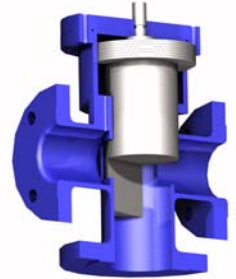


The AES manufacturing operation is ASME (American Society of Mechanical Engineers) approved and authorized to apply "S", "U", and "R" stamps, and is also authorized to register products with the National Board of Boiler and Pressure Vessel Inspectors. The ASME approval also includes approval of the AES Quality System, which is also registered under **ISO9001:2015**.

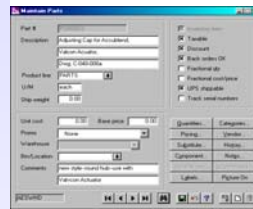


## BUSINESS SYSTEMS

At AES, new products and enhancements to existing products, are designed using 3-D (solid modeling) CAD software, allowing to "see" all components interacting with each other, before the first prototype is ever built. This includes moving parts like the piston of the POM in the body of the blending valve.



Customer orders are processed using a networked computer system, which also provides inventory control, work order processing, Bill of Materials, and all financial functions.



AES has had an Internet presence since 1997. Our web site at [www.altenergy.com](http://www.altenergy.com) has often been named one of the most informative sites in the industry. Everybody at AES, including shop personnel, has high speed access to the internet and to e-mail.



## THE FUTURE

In January of 2018 ownership of AES was transferred from Wolfgang Driftmeier to Steven Chambers, just as the founder of AES, John E. Hallberg, transferred ownership to Mr. Driftmeier in December of 1998. Mr. Chambers had been in the Engineering department of AES for over a decade before assuming ownership. All Key personnel stayed on after the sale and additional staff was added to further strengthen customer service, engineering and manufacturing. Mr. Chambers continues to build on the tradition of excellence and customer service at AES. At AES, "just good enough" is never good enough. AES is committed to both quality products and customer service. We strive to understand our customers and continuously improve so that we can exceed their needs and expectations.

Since Mr. Chambers assumed ownership, new products have been introduced, existing products have been improved, and sales and marketing efforts have been increased. New customers in the United States and in foreign countries have been acquired and several large-scale projects have been completed.

Manufacturing capacity has been increased accordingly, and our facilities have been updated to be ready for further planned growth.

## THE CUSTOMERS

The list below represents a very small fraction of domestic and international AES customers. New names are added every day. If you are interested in a particular reference, please contact our office.

3M COMPANY	HOLSUM BAKERY CO.
AIRSTREAM CORPORATION	HON CORPORATION
ALCAN CABLE	HONDA CORPORATION
ALVAC	HOSTESS CAKE COMPANY
AMANA CORPORATION	IBM CORPORATION
AMERICAN BRIDGE CO.	INTERNATIONAL PAPER CO.
AMERICAN OIL CORP.	ITT CONTINENTAL BAKERY
AMERICAN STANDARD CO.	ITT CORPORATION
ANCHOR HOCKING CORP.	JAMES RIVER COMPANY
A T & T TECHNOLOGY	JOHN DEERE TRACTOR
BENDIX CORPORATION	JOHNS-MANVILLE CORP.
BITTER CREEK PIPELINES	KEY ON ENTERPRISES LTD.
BLACK & DECKER CO.	KRESGE, S.S. COMPANY
BOISE CASCADE CO.	KROGER BAKERY
BROWN STOVE WORKS	LAND O'LAKES COMPANY
CALSONIC CORPORATION	LEVI STRAUS INC.
CARGIL	LIBBY-OWENS FORD
CASCADE CORPORATION	LOOTAH BC GAS
CERRO METAL PRODUCTS	MICHELIN TIRE COMPANY
CHAMPION PAPER CO.	MOHAWK INDUSTRIES
CHRYSLER CORPORATION	MONSANTO CORPORATION
CLARK EQUIPMENT CO.	NATIONAL GAS COMPANY
COCA COLA BOTTLING	NAN MOU OIL MACHINERY
COLONIAL BAKING CO.	NESTLÉ
CONTINENTAL BAKING CO.	OAPIL
CORNING FIBERGLAS	OSCAR MEYER COMPANY
DEL MONTE CORPORATION	PARKER-HANNIFIN CO.
DUPONT, INC.	PAZ OIL CO.
ELECTROLUX CORP.	PEPPERIDGE FARMS INC.
ENTES COMPANY INC.	PEPSI COLA COMPANY
ESPA GAS	PET FOODS, INC.
EXXON (ESSO) LP-GAS	PPG INDUSTRIES
EXXON (ESSO) CORPORATION	RALSTON PURINA CORP.
FASSON (AVERY LABELS)	REVERE COPPER & BRASS
FIAT ARGENTINA	RITZ CARLTON HOTEL
FORD MOTOR COMPANY	ROCKWELL INT'L
FRUEHAUF CORPORATION	ROPER INDUSTRIES
FRITO LAY, INC.	SCANA PROPANE
GAS SUR CHILE	SCIENTIFIC ATLANTA
GENERAL MOT. ARGENTINA	SHAW INDUSTRIES
GENERAL MOTORS USA	SHELL CHEMICAL CO.
GEORGIA PACIFIC CORP.	SHERWIN WILLIAMS CO.
GEORGIA TECHNICAL	SQUARE D PRODUCTS
INSTITUTE	TECUMSEH PRODUCTS
GAF CORPORATION	U. S. AIR FORCE
GENERAL DYNAMICS INC.	U. S. ARMY
GENERAL ELECTRIC CO.	U. S. NAVY
GENERAL MOTORS CO.	UNION CARBIDE CORP.
GENERAL TIRE COMPANY	UNIROYAL INC.
GLIDDEN DURKEE CO.	U.S. CORPS OF ENGINEERS
GOLD KIST HATCHERY	VAW OF AMERICA
GOODRICH, B.F. COMPANY	VOLKSWAGEN INDIA
GOODYEAR TIRE COMPANY	VOLKSWAGEN MEXICO
GREAT DANE TRAILER CO.	WESTINGHOUSE COMPANY
GUARDIAN BRAZIL	WHIRLPOOL CORP.
GUARDIAN U.A.E.	
GUARDIAN INDIA	
GULF OIL CORPORATION	
HEIL QUAKER COMPANY	
HOLIDAY INN	