

CHEMICAL PROCESSING

CHEMICAL
PROCESSING'S
RC
READERS'
CHOICE
AWARDS

The Best Get Hand Picked

Respondents select technology leaders in more than 40 categories.

By Amanda Joshi, Managing Editor

CHEMICAL PROCESSING'S 2011 Readers' Choice Awards survey, which is now in its eighth year, continues to generate strong response from readers. But for many of the 1,000 respondents this year, picking a favorite technology provider in 47 different categories wasn't always easy.

"In all categories I found more than one excellent supplier," explains one participant.

As in past surveys, some vendors remain strong favorites in certain categories, while in others several suppliers garner substantial votes. The winners in some categories differ from last year. This may reflect increased awareness of a particular vendor's offerings or improved products.

For instance, one reader noted a category that has enhanced its offerings. "Process simulation software has greatly improved lately and is much more of a help now," he says.

People also used the survey to express their desires. "I wish there were more automation vendors; every year we need more control of the system," notes one respondent.

Readers recognized that, in the past several years, many companies have merged or consolidated to help expand or improve their product offerings.





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“With all the mergers and consolidations during the last 20 years, those companies that remain should be embraced, as they have been through a very rough economic time period,” says one reader.

PAST CONTENDERS REMAIN STRONG

Many technology leaders held their ground, maintaining their high rankings from previous years. Emerson Process Management, a strong favorite from year-to-year, took top honors in seven categories, and placed in six other categories.

“Of all the dealings I have had with Emerson, they always are willing to come by my office and work with me and my colleagues to find a solution. They also have such a wide variety of products that are time tested that we can always find what we’re looking for,” says one participant.

“Emerson is the best in my opinion because they have been more than willing to work with customers to resolve any issues even if it takes a couple of months to actually figure out the root cause of the problem,” adds another reader.

Honeywell, another strong performer, received top honors in two categories and placed in four others.

Readers also gave accolades to AspenTech, Alfa Laval and GE (Bently Nevada) — each gained two first place finishes.

In addition, ABB, Rockwell Automation, Siemens, Flowserve and SPX all garnered multiple mentions in several categories.

A few contenders moved up the ranks in their categories to earn top honors this year from readers. These include Cleaver Brooks, Flexicon, MAC Equipment and Chicago Bridge & Iron (CBI).

Further details about the winning companies in each category are included on the following pages. For additional information about any of the vendors or products listed, we encourage you to visit www.ChemicalProcessing.com and search for bearings, pumps or any other category that interests you. Results from previous Readers’ Choice Awards also are available online:

- 2010 — www.ChemicalProcessing.com/articles/2010/127.html
- 2009 — www.ChemicalProcessing.com/articles/2009/133.html
- 2008 — www.ChemicalProcessing.com/articles/2008/112.html
- 2007 — www.ChemicalProcessing.com/articles/2007/108.html
- 2006 — www.ChemicalProcessing.com/articles/2006/111.html
- 2005 — www.ChemicalProcessing.com/articles/2005/523.html
- 2004 — www.ChemicalProcessing.com/articles/2005/363.html

CRUNCHING THE NUMBERS

Readers received e-mail notices, electronic newsletters, used a link posted on www.ChemicalProcessing.com or

responded to Twitter and Facebook postings to complete the questionnaire. A total of exactly 1,000 readers cast their votes about which vendors they consider technology leaders in 47 different categories. Categories were listed, but respondents had to enter the name of the technology provider in a blank text box. By not providing a pre-selected list of companies in each category, the survey avoided bias.

The rankings show the percentage of total responses in each category that a particular company received. We only list firms that got at least 5% of the votes in a category. Scores within 3% of each other should be considered a statistical tie. ●

ALARM MANAGEMENT SOFTWARE

	PERCENT
Honeywell (Matrikon)	26%
Emerson	16%
PAS	10%
Yokogawa	7%

BEARINGS

SKF	51%
Timken	11%

BOILERS/STEAM SYSTEMS

Cleaver Brooks	14%
Babcock & Wilcox	11%
Thermax	8%
Spirax Sarco	5%

CATALYSTS

BASF (Engelhard)	13%
Johnson Matthey	12%
Honeywell (UOP)	11%
Haldor Topsoe	6%
Criterion	5%

CENTRIFUGAL PUMPS

ITT (Goulds)	31%
Flowserve	12%
Sulzer	7%
KSB	5%

CENTRIFUGES

Alfa Laval	21%
GEA Westfalia	12%
Andritz Bird	7%
Beckman	5%

COMPRESSORS

Ingersol Rand	32%
Atlas Copco	18%

COMPUTERIZED MAINTENANCE MANAGEMENT SOFTWARE (CMMS)

SAP	25%
Maximo	19%



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CONDITION MONITORING

GE (Bently Nevada)	27%
Emerson Process Management	16%
Rockwell Automation	8%

CONVEYING (MECHANICAL)

Flexicon	9%
Hapman	8%

CONVEYING (PNEUMATIC)

MAC Equipment	11%
Dynamic Air	8%
Vac-U-Max	8%

COOLING TOWERS

SPX (Marley)	36%
Paharpur	11%
Baltimore Aircoil	10%

DISTILLATION EQUIPMENT

Koch-Glitsch	28%
Sulzer	24%

DRYERS

GEA Niro	12%
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DUST-CONTROL SYSTEMS

Donaldson Torit	22%
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EXPLOSION PROTECTION SYSTEMS

Fike	26%
Fenwall	15%

FANS & BLOWERS

New York Blower	15%
Howden Buffalo	10%
Dresser Roots	8%
Chicago Blower	6%

FEEDERS

K-Tron	28%
Schenck Accurate	16%
Acrison	9%
Siemens	5%

FILTRATION SYSTEMS

Pall	14%
Millipore	7%
Siemens	6%

FLOW INSTRUMENTATION

Emerson Process Management	51%
Endress+Hauser	11%

HEAT EXCHANGERS

Alfa Laval	24%
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HEAT TRANSFER FLUIDS

Dow	44%
Solutia	18%

INFRARED THERMOGRAPHY EQUIPMENT

FLIR (Extech)	41%
Fluke	36%

INSTRUMENT CALIBRATION SYSTEMS

Fluke	25%
Emerson Process Management	15%

LEVEL INSTRUMENTATION

Emerson Process Management	41%
Endress+Hauser	13%
Magnetrol	5%

LUBRICANTS

ExxonMobil	28%
Shell	18%
Royal Purple	7%
Lubrizol	5%

MIXING SYSTEMS

SPX	30%
Chemineer	12%

MOTORS

ABB (Baldor Reliance)	50%
Siemens	11%
GE	7%
Emerson	7%

PACKINGS AND GASKETS

Garlock	15%
John Crane	11%
Flexitallic	10%

PIPE/TUBING/FITTINGS

Swagelok	31%
Parker Hannifin	10%

PLANT DESIGN SOFTWARE

AspenTech	24%
Autodesk	15%
Intergraph	14%
Honeywell	8%

POSITIVE DISPLACEMENT PUMPS

IDEX (Viking)	18%
SPX	8%
Moyno	5%

PRESSURE INSTRUMENTATION

Emerson Process Management	50%
Yokogawa	7%
Endress+Hauser	7%



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PROCESS ANALYZERS

Emerson Process Management	30%
Siemens	12%
ABB	9%
Yokogawa	6%

PROCESS AUTOMATION SYSTEMS

Emerson Process Management	31%
Honeywell	13%
Rockwell Automation	12%
Yokogawa	11%
Siemens	10%
ABB	7%

PROCESS SIMULATION SOFTWARE

AspenTech	32%
Honeywell	20%
Chemstations	7%
Emerson Process Management	5%

SEALS (MECHANICAL)

John Crane	42%
Flowsolve	17%
Eagle Burgmann	9%
Chesterton	8%

SECURITY EQUIPMENT AND SERVICES

Honeywell	12%
ADT	10%

SPRAY NOZZLES

Spraying Systems	37%
Bete	14%
Lechler	6%
Betz	5%

TANKS & VESSELS

CBI	7%
Pfautler	6%

TEMPERATURE INSTRUMENTATION

Emerson Process Management	41%
Omega	6%
Endress+Hauser	5%

VACUUM SYSTEMS

Gardner Denver Nash	14%
Busch	14%
Sihl	12%
Graham	10%

VALVES & ACTUATORS

Emerson Process Management	32%
Flowsolve	8%
Metso (Neles-Jamesbury)	6%

VARIABLE SPEED DRIVES

Rockwell Automation	25%
ABB	21%
Siemens	17%
Toshiba	5%
Yaskawa	5%

VIBRATION MONITORING EQUIPMENT

GE (Bently Nevada)	53%
Emerson Process Management	8%
Rockwell Automation	6%

WATER TREATMENT SYSTEMS

Nalco	23%
GE (Betz)	15%
Siemens (U.S. Filter)	12%

WEIGHING SYSTEMS

Mettler Toledo	56%
Rice Lake	5%

CONGRATULATIONS TO...

Randy Rutledge is the recipient of the 8GB Apple iPod Touch, which was offered as an incentive to participate in the Readers' Choice Awards survey. His name was randomly selected by computer from all of the respondents.