

# MARKET Snapshot

## Clark-Reliance

NEWS and TRENDS for the POWER GENERATION and PROCESSING INDUSTRIES

### February 2010

## Flash Proof Your Plant

The Jerguson Magnicator II®



A boiling fluid, or flashing, in a Magnetic Level Gage creates uncertainty in the actual fluid level causing havoc for plant operations. The level will either violently fluctuate, or in severe situations, the float will sink resulting in no level indication. Now, Jerguson has the solution.

"This innovative design addresses two potential problems that may occur with standard level gages in these applications. Our new FlashProof Magnicators eliminate false readings due to boiling fluids and crushed floats due to violent flashing vapors" said Joe Collura, Jerguson Product Manager.

"In a traditional magnetic level gage, boiling fluids can cause the float to sink due to a loss of buoyancy. This situation is common when there are substantial temperature differences

between the fluid in a vessel and the fluid in the gage – think cold liquid in a vessel; hot summer day for gage. By employing an oversized 3" schedule 40 chamber with two internal guide tubes, our FlashProof Magnicator II® allows entrained gases that build up under the float to escape. The float is held to one side of the chamber to ensure an accurate indicator reading."

The FlashProof Magnicator II® is ideal for all cryogenic applications in addition to the following fluids when the operating conditions are below expected ambient temperatures: ethane, ethylene, methane, propane, propylene, liquefied propane gas (LPG), liquefied natural gas (LNG), carbon dioxide, anhydrous ammonia, or other refrigerants.

Transmitters, relying on the accuracy of the floats, are accurate and dependable when paired with the FlashProof Magnicator II®. The Magnicator II gage also offers a variety of level indicators depending on your preference and the FlashProof configuration enables all of these superior indicators to be used in applications with boiling or flashing properties. These indicators include;

- The Jerguson flag system is extremely shock and vibration resistant – and it comes standard on the Magnicator II. Each flag is a single stainless steel precision stamping with its own permanent ceramic magnet.
- NightStar LED Illuminators provide 24 hour visibility with bright LED illumination – eliminating flashlight searches and saving time.
- Guided Wave Radar provides an independent device that does not rely on the float's magnetic field to obtain a reading. The GWR transmitter obtains an independent reading of the liquid level, providing an accurate output even in the case of a float failure.

Jerguson® Gage and Valve, a leading supplier of level gaging products, offers the world's largest selection of liquid level gage glasses, magnetic level gages, liquid level switches and transmitters. Jerguson® provides you a single-source level measurement and control solution, bringing an entirely new plateau of technology to remote level indication.

Visit our website to find out more on the [FlashProof Magnicator II®](#).

#### Our Products

**JERGUSON®**

**Clark-Reliance®**  
Boiler Trim / Instrumentation

**JACOBY-TARBOX®**

**Magne-Sonics®**

**ANDERSON**  
Separator

**NFS** National  
Filtration  
Systems®

**HYCOA**

**Clark-Reliance®**  
Aftermarket Elements

#### Helpful Links

[Clark-Reliance Corporation](#)

[Search our document library for product information](#)

[Find a local Clark-Reliance Sales Office](#)

[More Helpful Links](#)

**Skandie and Weege's** something to chew on...



If what you did yesterday seems big, you haven't done anything today.

- Lou Holtz

**The Top Ten Most Expensive Hotel Rooms (\$ per night):**

10. Hotel Meurice (Paris) - Belle Etoile Suite - \$7,300

9. Cirađan Palace Hotel Kempinski (Istanbul) - Sultan's Suite - \$7,500

8. Regent Beverly Wilshire (Los Angeles) - Penthouse Suite - \$7,500

7. The Fairmont Hotel (San Francisco) - Penthouse Suite - \$10,000 per night

6. Hotel Cala di Volpe (Costa Smeralda) - Presidential Suite - \$13,879

5. Westin Excelsior (Rome) - Villa La Cupola - \$14,312

4. The Plaza Hotel (New York) - Presidential Suite - \$15,000

3. The Martinez Hotel (Cannes) - Presidential Suite - \$18,000

2. President Wilson Hotel (Geneva) - The Imperial Suite - \$23,000

1. The Atlantis (Bahamas) - Atlantis Bridge Suite - \$25,000

## Portraits: It's about the people

### Clark-Reliance Assembly Supervisor Dave McKee gives gift of life



Assembly supervisor Dave McKee decided on June 19, 2009, his 47th birthday, that he would donate one of his kidneys to a man in need. He decided that his birthday gift would be to give to someone else, if he were a perfect match. "I've never given a gift like that before," said McKee. "But, I will tell you, when I found out we matched, it was the easiest decision I've ever made."

In early December, McKee underwent surgery to donate one of his kidneys. Five days later, he was home, and both families enjoyed the holidays and had a whole new way of thinking about "giving."

McKee had many motivations for giving this gift of life. He did not want this man's little girl to grow up without her dad, and he wanted to make sure that this beautiful child knows the strength, love and guidance of having a father.

Also, McKee's twin brother has a son with only one kidney and his stepfather recently passed away from kidney failure. While his nephew has a normal life, he witnessed his stepfather go through dialysis for more than two years. "It kicks your butt," said McKee. "He did not have any quality of life. And, I know the family who received this, and I did not want to see anyone have to go through that any longer."

While McKee's wife, Becky, was nervous about the surgical process, she and their three sons supported his decision from the beginning. On the day of the surgery, all Becky could say was, "I am proud of you, you are saving someone's life."

McKee said the recovery was not so bad, equating it to a C-section. "Women go through this all the time," said McKee. And after two weeks, he was pretty much back to feeling like himself. He is now back to work, working out, umpiring and leading the Clark-Reliance bowling team to victory.

McKee believes he has a strong, ongoing connection to the kidney recipient. Several days after the surgery, he was recovering and thinking about how the man was doing, when the phone rang. "It was weird," said McKee, "but I really believe that sharing my kidney bonded us together, so now I have another brother."

"I was very humbled by this and would do this again in a heartbeat," said McKee. "I believe most people would do the same."



Our mailing address is:  
Clark-Reliance  
16633 Foltz Parkway  
Strongsville, Ohio 44149