

PSI Process & Equipment



Pumping Services, Inc.
An Employee Owned Company

September 2012

PSI Newsletter

ISSUE HIGHLIGHTS

What is Arc Flash?
CSI Controls Inc.

MJK now a
Xylem brand

They are not just a
bargain; they are a
'steel' MJK

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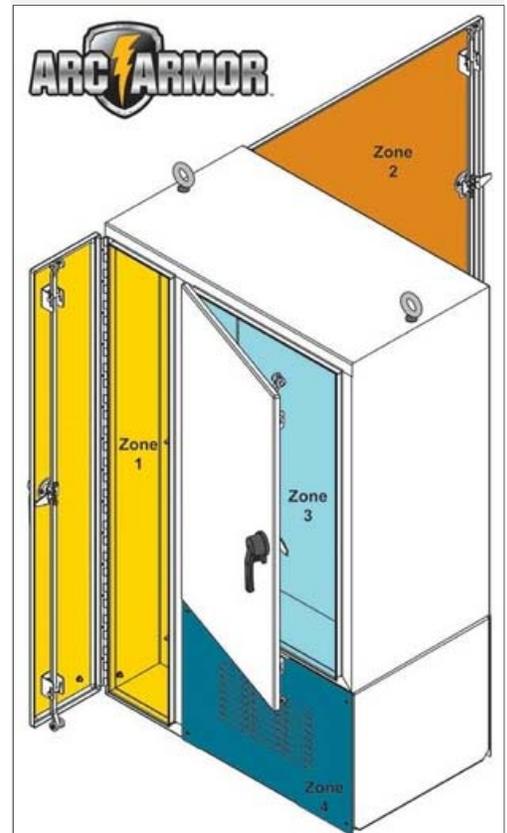


Dear Readers.

This month we feature ARC ARMOR equipment that helps protect from Arc Flash. With 5-10 arc flash incidents occurring per day, arc flash is a leading cause of death and burn accidents for maintenance staff when servicing electrical control panels in North America today. Onsite damages caused by an arc flash incident include: OSHA citations or fines, down time, loss of revenue and equipment damage. In worst case scenarios, arc flash may result in long term disability or even death thereby having a significant impact on the liability of the municipality. Very dangerous conditions from intense heat, toxic smoke, blinding light and risk to life usually occur in less than 0.2 seconds.

[Click here for video. This test-facility footage shows an arc flash created for NFPA's video "Reducing Workplace Electrical Hazards"](#)

ZONE 1 Service Compartment Danger Zone: Contains the most dangerous arc flash potential and risk of electric shock.



ZONE 2 MCC Compartment Danger Zone: Entry is limited when energized NFPA 70 safety gear or may be "Lockout/Tagout" protected for unrestricted access.

ZONE 3 Controls Compartment Operator Safety Zone: Contains only low circuits (120 VAC or lower).

ZONE 4 Skirt Compartment Gas Isolation Zone: Provides gas isolation in wastewater lift station applications.

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Spotlight on



Effective July 13, 2012; MJK Automation A/S became a wholly owned subsidiary of Xylem Inc. PSI Process and Equipment/Pumping Services, Inc. has been a stocking distributor for MJK for over 6 years, with many installations in our New York/New Jersey distribution area.

PSI is an MJK authorized service center with fully trained factory technicians

MJK expertise enhances Xylem's instrumentation platform with physical parameters such as level and flow, along with energy-saving measurement and control equipment where accuracy and reliability are essential in applications such as water, wastewater, environmental and irrigation. MJK's strong position in the New York and New Jersey Markets will complement its business.

They are not just a bargain; they are a 'steel'



So if you have an installation that corrodes flow meters, why not let PSI and MJK try to find a better solution? We have several installations in the tri-state area. MagFlux® Flowmeters are developed for measurements in all types of conductive liquids, including measurement of flow in drinking water, wastewater, sludge and process water. MJK's MagFlux electromagnetic flow sensors are available

in three grades of steel to correspond with various environments: **coated carbon steel, 304 stainless steel and 316 stainless steel.**

Have it 'made in the shade'



MJK offers a super rugged Sun Shield/Rain Shield constructed of heavy gauge 316 stainless steel. It mounts to walls, poles and rails, and is used with an assortment of brackets and adaptor plates to mount any MJK instrument, not just pump controllers, and is large enough to accommodate many other makes of instruments too. Keeping direct sun, rain and snow off an instrument makes the instrument last much longer and, in hot climates, reduces chances of overheating. Using the MJK Sun Shield/Rain Shield is a good investment that will pay for itself so you can have it 'made in the shade'. See more details on our website by clicking on the picture or please contact PSI Process and Equipment at 732 469 4540 or by e-mail infor@psiprocess.com

Get 'Da most' out of our demos



PSI offers a variety of products for demo/trial installation so you can see first hand how well MJK products perform in your application. We coordinate the demo program with your instrumentation group and our knowledgeable staff will provide suggestions & advice on how to install and operate the product.

Call the PSI Process and Equipment, Pumping Services, Inc. team for your instrumentation needs