



**Milwaukee Chapter 2 of the Fluid Power Society  
November News and Plant tour**

**Wednesday December 1**

Tour and presentation on **Oilgear's** new **EPC microprocessor amplifier**.  
(see: <http://www.oilgear.com/components/electronics/epc/index.php> ).

The EPC is an acronym for Electronic Pump Controller. However it is much more than a simple pump controller. The EPC Servo Amplifier Module is a micro controller-operated component that can be applied to operate servo or proportionally operated pumps and valves. Because of its onboard microprocessor this unit can perform many additional functions that your typical Servo Amplifier cannot.

The EPC is a fully programmable micro controller-operated component. The unit uses function program block(s) to select the required operation. These function blocks include calibration, KP, and KI functionality as required. The EPC uses a windows based program to calibrate, monitor, and trouble shoot the operation.

Presentation by: Steve Janisch, Software Engineer, Dave Szymakowski, Elect Projects Engineer, Dale Boyke, V.P. Marketing & Sales

**The Oilgear Company**

2300 S.51st Street

Milwaukee, WI 53219-2340

Drive through main gate/entrance on 51<sup>st</sup> and park in lot/visitor parking in front of main lobby area.

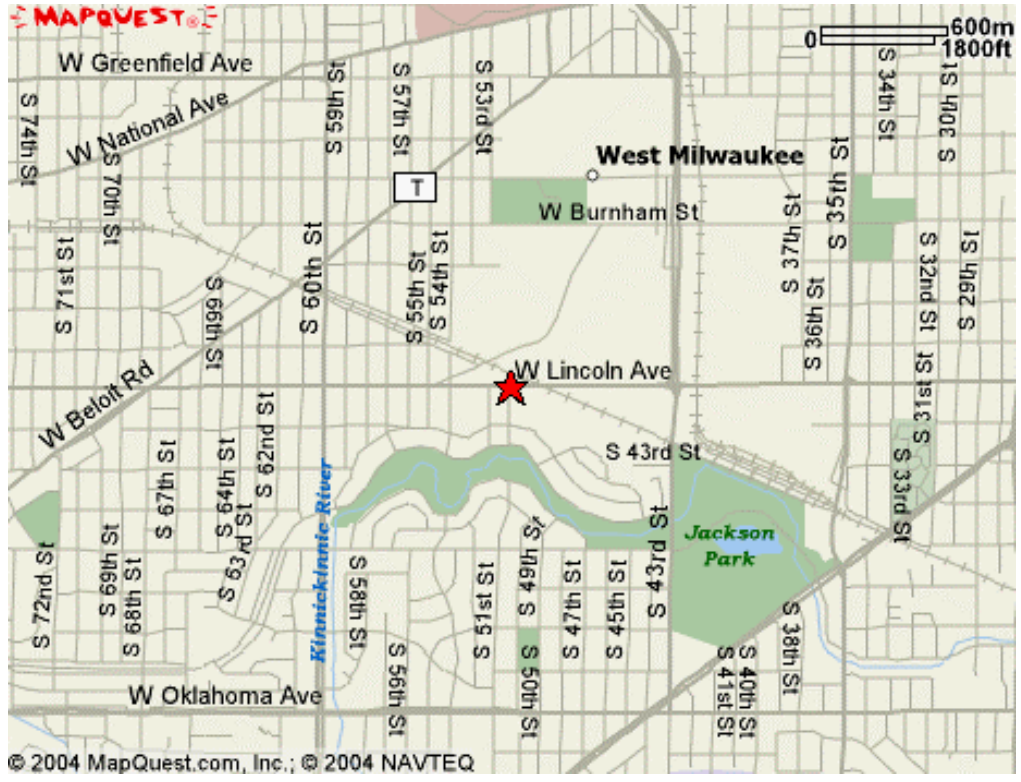
***Hard-soled shoes and safety glasses required for tour (glasses available at Oilgear if you forget).***

Social from 6-6:30pm, Dinner and meeting from 6:30-7pm, Tour 7-8:30pm

Dinner will be Sub sandwiches, chips and beverages

Cost; Members \$5, Non-members \$8

RSVP to Al Neu at [aneu@wi.rr.com](mailto:aneu@wi.rr.com) or call 414-617-4870 on or before 11/29/04



### **October meeting notes.**

We had a chance to participate in the ESA (Equipment Service Association) fall technical meeting Friday and Saturday October 29-30. The ESA is a trade association of businesses in the hydraulic repair industry. These are often small businesses who face a daunting challenge managing information, taxes and employee concerns in today's tough business environment. Like the FPS, the ESA is trying to provide opportunities for its members to learn more about the hydraulic industry and some of the companies that supply it. The plant tours on Friday included **Milwaukee Cylinder's** presentation of their cylinder manufacturing process, **Ram-Pac International / Hader Industries** tour of both manufacturing facilities, and a look at the equipment built by **Machinery Service & Design**

Saturdays events were the four seminars put on by **Martin Fluid Power**, (basic seal design and sealing concepts), **PERMCO** (Application and specifications of the Permco product line from industrial uses to dump trucks, live floors and refuse packers), **Milwaukee Hydraulics** (floor jacks and under the hoist lifts, as well as discussing the challenges of operating a small manufacturing business with increased labor, health and material costs, and how to compete in today's market place with the competition of low price non-American made products/imports) **Racine Hydraulic Tools** (product catalog, basic tool specifications, hoses and fittings for tooling industry, repair formats and a hands-on tool demo in the parking lot at a Burndy Tool truck).

Our Milwaukee chapter meeting was held during the Lunch break, where we discussed the plan for the **Oilgear** tour, possible **Oshkosh Truck** tour, and the future direction of the Fluid Power society.

Agenda items or events to be discussed at the December meeting should be sent to Allen Neu at [aneu@wi.rr.com](mailto:aneu@wi.rr.com) or you can call 414-617-4870

Thank You  
Allen Neu