



Monthly Newsletter



WWW.DEP.STATE.PA.US (DIRECTLINK "PAIOF")

Pennsylvania Industries of the Future

July 2002 Issue

NEW STEAM RESOURCE

Manufacturers that wish to improve plant reliability and productivity while adding to the corporate bottom-line may consult Steam Digest 2001, a new volume of steam system "best practices" from the Alliance to Save Energy and the U.S. Department of Energy (DOE) Office of Industrial Technologies. The digest includes a compendium of 16 scholarly articles, authored by a variety of manufacturers, national labs, and solution vendors. Seven of the 16 new articles review technologies and whole-system approaches to steam facility optimization and present alternatives to reactive or "crisis-mode" plant management. Visit the PAIOF website at www.dep.state.pa.us (directLINK "PAIOF") for more information.

The PA IOF Goal:

- Improving competitiveness and profitability by improving the energy efficiency, environmental performance and productivity;
- Removing inefficiencies and materials waste that lower value to customers and reduce profit and reinvestment;
- Reducing impact on natural resources by incorporating new materials and energy efficiencies technologies;and
- Form partnerships and alliances within Pennsylvania.

Extra!

A redesigned **PAIOF website** has been added to the DEP and Technology Clearinghouse website. More and more information is being posted to this site weekly as feature stories, pictures, listing of Pa. projects and information about our four PAIOF industry sectors: metalcasting, aluminum, specialty steel and coal mining. Coming soon will be information on the aluminum industry sector prepared by our academia champion for aluminum, Lehigh University. The Pennsylvania Industries of the Future website can be found by visiting the DEP website www.dep.state.pa.us (directLINK "PAIOF"). To access the Technology Clearinghouse, use the directLINK "techdev."



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1st Annual PA Metal Casting Industry of the Future Conference and PA Foundry Association

DEP, together with the Pennsylvania Foundry Association, hosted the 1st annual statewide Metalcasting IOF meeting at the Radisson Penn Harris in Camp Hill. DEP Deputy Secretary Robert J. Barkanic served as master of ceremonies. He greeted the 60 attendees who represented mainly small metal casting companies in Pennsylvania. Denise Swink, the U.S. Department of Energy's Assistant Secretary for Industrial Technologies, provided a well-received keynote address on the importance of Pennsylvania's industrial base and metal casting to the national economy and security. Dr. Bob Voigt of Penn State University held a one-hour session on the progress of the Pennsylvania IOF and future development.



You can find out more information about the entire Foundry Association meeting by clicking on the link, **Annual 2002 PFA meeting**, located on the metalcasting page on the PAIOF website. This webpage chronicles the meeting and provides further information about the meeting including: a copy of the agenda, a list of attendees, pictures of the event, speaker bios and more links leading

you to information about the topics presented. Get to this information on the PAIOF website by visiting the DEP website www.dep.state.pa.us (directLINK "PAIOF").



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Success Story: Federal Industrial Grants (You Can Get!) at Work in PA

Victaulic Company, located in Alburts PA, recently installed and is operating an innovative technology, Advanced Oxidation ("AO"), that is resulting in cleaner air inside the foundry while increasing its sand recycling system recovery rate and reducing waste disposal to the landfill. Victaulic is accomplishing this feat by using federal funds, NICE3, the U.S. Department of Energy (DOE) National Industrial Competitiveness through Energy, Environment, and Economics (NICE³) grant. DEP and Penn State, our metalcasting academia champion, recently visited the plant to review the progress. Check out the newly created web page which captures the information learned during our visit to the site. The web page about Victaulic's NICE3 project will allow you to learn more about Victaulic, the AO Technology, and the inventor of the technology. You can also view a video documenting the AO process and see pictures taken during this visit. All of this information is accessible from the PAIOF Metalcasting web page. Keep coming back as we will be posting Victaulic's ongoing accomplishments regarding resources saved and air emissions reduced on the site! Go to www.state.pa.us directLINK "PAIOF" to view all of this new information.

Future Solicitations

Industry/Area	Due Dates	Funding
Biobased Products Industry Education Initiative	10/01/2002(Solicitation Opens) 12/01/2002(Proposals Due) 03/01/2003(Selection Announcements)	TBD
FY 2003 SBIR/STTR Solicitation	10/02/2002(Solicitation Opens) TBD(Proposals Due) TBD(Selection Announcements)	TBD
Glass IOF Solicitation	06/10/2002(Solicitation Opens) 07/31/2002(Proposals Due) 09/01/2002(Selection Announcements)	TBD
Metal Casting	TBD(Solicitation Opens) TBD(Proposals Due) TBD(Selection Announcements)	\$1,000,000.00 total value
Agriculture	TBD(Solicitation Opens) TBD(Proposals Due) TBD(Selection Announcements)	TBD

Please visit the PAIOF Solicitations page at www.dep.state.pa.us (directLINK "PAIOF") for further information.

This and other related environmental information are available electronically via the Internet. For more information, visit us through the PA PowerPort at <http://www.state.pa.us> or visit the Pa. Industries of the Future directly at <http://www.dep.state.pa.us> (directLINK "PAIOF")

David E. Hess, Secretary

Mark Schweiker, Governor

Department of Environmental Protection

Commonwealth of Pennsylvania



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