



Industrial Heating Equipment Association

Member Benefit Summary Sheet

ihea.org
MAKING HEAT PROCESSES WORK

Activity: New Technologies

SUMMARY OF BENEFIT IHEA members are aware of emerging and currently available technologies within the Process Heating industry. This is achieved through:

- a) Participation in strategic partnership with the Department of Energy's Office of Energy Efficiency and Renewable Energy (DOE-EERE) and its 16 National Laboratories (e.g. Lawrence Berkley and Oak Ridge).
- b) Continual interaction with the industry's technology leaders
- c) Workshops and seminars organized by IHEA for the benefit of its members at annual meetings and other special gatherings
- d) Maintaining a close relationship with the leading technical publications and societies affecting the Process Heating industry.

DETAILS OF BENEFIT

In order to offer IHEA member companies the competitive edge, IHEA makes it a priority to provide timely and useful information to its members. This includes information about emerging and currently available technologies.

Participation with Department of Energy – As part of the 2001 Allied Partnership Program with DOE, and the subsequent formation of the Process Heating Steering Committee, IHEA and Industries of the Future are intimately involved with the steering and development of projects affecting the Process Heating industry at the National Labs. Accomplishments to date include a) the development and release of Process Heating Assessment and Survey Tool (PHAST) for measurement of energy consumption and savings; b) development and research of new Sensors and Controls technology that is being developed at Lawrence Berkley and Los Alamos National Labs; c) involvement with advanced materials research for High Temperature Alloys, Insulation and Refractories and Advanced Ceramics conducted at Oak Ridge National Lab; d) publication of Process Heating Source Book and Technical Brief; and e) the development of the "2020 Furnace Grand Challenge" program.

Information and availability of these programs are immediately disseminated to IHEA members. Companies not involved with IHEA may not actively participate in these programs.

Access to Technology Leaders Inside IHEA – IHEA members have frequent access to technology leaders. IHEA member companies invest in the industry and in product/process developments which keeps them on the leading edge of technology. Membership in IHEA allows you to develop personal and professional relationships with these leaders and discuss their technologies and the benefits they may bring to your company. IHEA member companies own more than 100 patents through the U.S. Patent Office. IHEA member companies are industry leaders.

Access to Technology Leaders Outside IHEA – IHEA members also benefit from being first to know about emerging technologies from outside sources. IHEA makes it a regular part of its programming to schedule speakers on emerging technologies. This is done at regular IHEA meetings and through specially arranged meetings if needed. Keeping abreast of current and emerging technologies gives IHEA member companies a competitive edge.

Technical Information – Because of IHEA's close relationship with the leading trade journals in the industry, IHEA members have ready access to these publications – both for the gathering and dissemination of information. Both Industrial Heating magazine, Process Heating magazine, Industrial Paint & Powder magazine, and Heat Treating Progress magazine are Associate Members of IHEA. All IHEA members are eligible for free subscriptions to these publications. Industrial Paint & Powder is also an Association Member of IHEA and is applicable for those involved in lower temperature applications – predominantly infrared applications.