

## AIR QUALITY

### Publications and Presentations by KERAMIDA Professionals

#### 2017

1. Wise, C. "Environmental Manager 101 - Getting Started/Remaining Sane." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
2. Schifo, J. and Fleming, W. "Emission Inventory How to Develop an Inventory and How This Determines Initial Permit Type/Level and Modification Type." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
3. Overton, M. "Permit Violations and Enforcement." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
4. Schifo, J., KERAMIDA and Cline, D., Indiana Department of Environmental Management. "Stack Testing and Reporting - Smart, Practical Strategies." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
5. Moore, K. "Air Permitting Overview - The Evolution of a Permit from Exemption to Title V to PSD Major Source." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
6. Fleming, W. "Understanding Your Air Permit - I've Received My Draft Air Permit." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
7. Overton, M., KERAMIDA and Sugarman, B., Krieg DeVault. "Emergency Prep, Notification and Reporting Changes - Air, Spills, SPCC, CERCLA Emergency Release, Indiana Spill Rule Notifications and Reporting." Indiana Chamber of Commerce - Environmental Permitting and Reporting Conference. Carmel, IN. May 2017.
8. Wise, C. "Air Emergency Occurrence Update." KERAMIDA Inc. - 2017 Indianapolis *Day at the Park* Conference. Indianapolis, IN. April 2017.
9. Fleming, W. "Freshening Up Your Air Emissions Inventory." KERAMIDA Inc. - 2017 Indianapolis *Day at the Park* Conference. Indianapolis, IN. April 2017.
10. Towler, G. "Removal of Emergency Provisions Exemption & Air Permitting Update." KERAMIDA Inc. - Elkhart Breakfast Workshop. Indianapolis, IN. April 2017.
11. Towler, G. "Removal of Emergency Provisions Exemption & Air Permitting Update." KERAMIDA Inc. - Merrillville Luncheon Workshop. Indianapolis, IN. April 2017.

#### 2016

1. Moore, K., KERAMIDA and Kelln, M., Faegre Baker Daniels. "Air Permitting-How to Manage Changes at Your Facility." Indiana Chamber of Commerce - 2016 Indiana Environmental Conference. Indianapolis, IN. October 2016.
2. Schifo, J. "USEPA's Emission Estimating Protocol (EEP) for Iron and Steel Foundries." American Foundry Society - 28th AFS Environmental Health & Safety Conference. Milwaukee, WI. August 2016.
3. Moore, K. "EHS Managers Challenge - Impact of Plant Changes on Air Permits." KERAMIDA Inc. - 2016 South Bend *Day at the Park* Conference. South Bend, IN. July 2016.

4. Moore, K., KERAMIDA and Chaifetz, M., IDEM. "Are You Prepared for Your Next Air Compliance Inspection?" Indiana Chamber of Commerce & KERAMIDA Inc. - Environmental Permitting and Reporting Conference. Indianapolis, IN. May 2016.
5. Schifo, J., KERAMIDA and Cline, D., IDEM. "Demonstrating Air Permit Compliance Through Stack Testing." Indiana Chamber of Commerce & KERAMIDA Inc. - Environmental Permitting and Reporting Conference. Indianapolis, IN. May 2016.
6. Moore, K., KERAMIDA and Kelln, M., Faegre Baker Daniels. "Handling Plant Changes in Your Air Permit." Indiana Chamber of Commerce & KERAMIDA Inc. - Environmental Permitting and Reporting Conference. Indianapolis, IN. May 2016.
7. Moore, K. "EHS Managers Challenge - Impact of Plant Changes on Air Permits." KERAMIDA Inc. - 2016 Indianapolis *Day at the Park* Conference. Indianapolis, IN. April 2016.
8. Schifo, J., KERAMIDA and Radia, J., McWane Inc. "Emissions Estimation." American Foundry Society - AFS Advanced Foundry Air Seminar. Atlanta, GA. February 2016.

## 2015

1. Schifo, J., KERAMIDA and Cline, D., IDEM. "Indiana Stack Testing Strategies." Indiana Chamber of Commerce - Indiana Environmental Permitting and Reporting Conference. Indianapolis, IN. September 2015.
2. Schifo, J. "Navigating PM2.5 Issues in Permitting." Indiana Chamber of Commerce - Indiana Environmental Permitting and Reporting Conference. Indianapolis, IN. September 2015.
3. Moore, K., KERAMIDA and Stuckey, M., IDEM. "Update on Indiana Air Permitting Issues." Indiana Chamber of Commerce - Indiana Environmental Permitting and Reporting Conference. Indianapolis, IN. September 2015.
4. Schifo, J. "Proactive Air Permitting Strategies OR Don't Overlook the Big Picture." American Foundry Society - 27<sup>th</sup> AFS Environmental, Health & Safety Conference. Park City, UT. August 2015.
5. Moore, K. and Schifo, J. "Air Permitting and Strategies - IDEM and EPA Updates." KERAMIDA Inc. - 2015 South Bend *Day at the Park* Workshop. South Bend, IN. July 2015.
6. Moore, K. and Schifo, J. "Air Permitting and Strategies - IDEM and EPA Updates." KERAMIDA Inc. - 2015 Indianapolis *Day at the Park* Workshop. Indianapolis, IN. April 2015.

## 2014

1. Schifo, J. "Air Update - PM2.5, Boiler MACT and IDEM Initiatives." KERAMIDA Inc - 2014 South Bend *Day at the Park* Workshop. South Bend, IN. July 2014.
2. Moore, K and Schifo, J. "Air Update - PM2.5, Boiler MACT and IDEM Initiatives." KERAMIDA Inc - 2014 Cincinnati *Day at the Park* Workshop. Cincinnati, OH. June 2014.
3. Moore, K and Schifo, J. "Air Update - PM2.5, Boiler MACT and IDEM Initiatives." KERAMIDA Inc - 2014 Indianapolis *Day at the Park* Workshop. Indianapolis, IN. May 2014.
4. Schifo, J., KERAMIDA and Todd, D., Air Quality Services LLC. "Air Permitting Compliance... Preparing a Stack Test & Stack Test Training." Manufacturers' Education Council - 23rd Annual Business & Industry's Sustainability and Environmental Health & Safety Symposium. Cincinnati, OH. March 2014.

## 2013

1. Schifo, J., KERAMIDA and Krause, J., HA International LLC. "Nobake Emission and Air Permitting Issues." American Foundry Society - 25<sup>th</sup> AFS Environmental Health & Safety Conference. Pittsburgh, PA. August 2013.
2. Moore, K. and Mathews, B. "Air Regulations Update." KERAMIDA Inc. - 2013 *Day at the Park* Workshop. Indianapolis, IN. May 2013.

3. Moore, K. "Air Regulations Update." KERAMIDA Inc. - 2013 *Day at the Park* Workshop. Cincinnati, OH. May 2013.
4. Moore, K. and Mathews, B. "Air Regulations Update." KERAMIDA Inc. - 2013 *Day at the Park* Workshop. South Bend, IN. April 2013.
5. Schifo, J. "Regulatory Implications of New No-Bake Emission Testing." American Foundry Society - AFS CastExpo'13. St. Louis, MO. April 2013.
6. Schifo, J. "Development of New Emissions Measurement Capability for Foundry Binders." American Foundry Society - AFS 117th Metalcasting Congress. St. Louis, MO. April 2013.
7. Schifo, J., KERAMIDA and Bryant, R., NIBCO. "Air Quality Compliance... New National Ambient Air Quality Standards for Particulate Matter (PM2.5) - How Does it Impact Your Facility." Manufacturers' Education Council - 22nd Annual Business & Industry's Sustainability & EHS Symposium. Cincinnati, OH. March 2013.

## 2012

1. Schifo, J. "Greenhouse Gas Update, Session XV." American Foundry Society - AFS Environmental, Health & Safety Conference. Nashville, TN. August 2012.
2. Schifo, J. "Session 5: Estimating PM2.5 Emissions." American Foundry Society - AFS Environmental, Health & Safety Conference. Nashville, TN. August 2012.
3. Moore, K. "Quick Hitting: Air Updates." KERAMIDA Inc. - 2012 *Day at the Park* Workshop. Indianapolis, IN. May 2012.
4. Schifo, J. "Greenhouse Gas Update (12-156)." American Foundry Society - 116<sup>th</sup> Metalcasting Congress. Columbus, OH. April 2012.
5. Schifo, J., KERAMIDA, McIver, A., Citizens Energy Group, and Sullivan, T., Barnes & Thornburg. "Boiler MACT Final Rule & Practical Compliance... Impacting Possibly over 195,000 Boilers at Major Industrial Facilities, Universities, Hospitals & Commercial Buildings." Manufacturers' Education Council - 21st Annual Business & Industry's Sustainability and Environmental, Health & Safety Symposium. Indianapolis, IN. March 2012.
6. Schifo, J. "Stack-Testing Basic Training." American Foundry Society - Redefining Opportunity: The 61st Northwest Regional AFS Conference. Seattle, WA. March 2012.
7. Moore, K. "SSOA & GHG Update." Indiana Mineral Aggregates Association - 2012 IMAA Winter Workshops and Awards Luncheons. Carmel, IN. February 2012.

## 2011

1. Dubenetzky, P., Schifo, J., and Moore, K. "GHG Basics: Federally Enforceable Limits on PTE GHGs & Title 5 Permits." KERAMIDA Inc. - Greenhouse Gas Permitting Webinar. Indianapolis, IN. October 2011.
2. Dubenetzky, P. "Greenhouse Gas Emissions and Indiana Air Permits." Indiana Manufacturing Association - *Environment & Energy Forum Newsletter*. September 2011.
3. Schifo, J., KERAMIDA, Radia, J., McWane Inc., Remlinger, M., Matthews International, and Slavin, T., Navistar Inc. "Panel: What's Hot, What's New - Hear What Could Impact Your Facility in 2011-2012." American Foundry Society - 23<sup>rd</sup> AFS Environmental, Health & Safety Conference. Indianapolis, IN. August 2011.
4. Schifo, J., KERAMIDA and Radia J., McWane Inc. "Emission Estimation." American Foundry Society - 23<sup>rd</sup> AFS Environmental, Health & Safety Conference. Indianapolis, IN. August 2011.
5. Schifo, J. "Boiler MACT." American Foundry Society - 23<sup>rd</sup> AFS Environmental, Health & Safety Conference. Indianapolis, IN. August 2011.
6. Dubenetzky, P. "Clean Air Act Update." KERAMIDA Inc. - 2011 Annual KERAMIDA EHS Symposium: *Day at the Park Workshop*. Indianapolis, IN. April 2011.

7. Dubenetzky, P. "GHG Tailoring Rule, BACT Guidance for PSD, and Nucor GHG PSD Permit." Taft Stettinius & Hollister LLP / KERAMIDA Inc. / IMA / Ginovus - Environmental Compliance in Challenging Economic Times Seminar. Indianapolis, IN. April 2011.
8. Schifo, J. "How Greenhouse Gas Emissions May Impact Your Business (11-148)." American Foundry Society - AFS 115th Metalcasting Congress. Schaumburg, IL. April 2011.
9. Dubenetzky, P., KERAMIDA, McIver, A., Director, Environmental Stewardship, Citizens Energy Group, and Sullivan, A., Partner, Barnes & Thornburgh LLP. "Air Compliance... EPA's Unprecedented Pace of NESHAP Rulemaking & Its Enormous Impact on Industry in America's Heartland." Manufacturers Education Council - 20<sup>th</sup> Annual Sustainability and EHS Symposium. Cincinnati, OH. March 2011.
10. Schifo, J. "Carbon Footprints." KERAMIDA Inc. / Taft Stettinius & Hollister LLP - Environmental / Occupational Safety & Health Update. Cincinnati, OH. March 2011.
11. Dubenetzky, P. "Building Operational Flexibility into Air Permits." KERAMIDA Inc. / Taft Stettinius & Hollister LLP - Environmental / Occupational Safety & Health Update. Cincinnati, OH. March 2011.
12. Moore, K. "New Compliance Issues and Regulations with Focus on Rule Changes to SSOA by IDEM." Indiana Mineral Aggregates Association - 2011 IMAA Winter Workshops. Carmel, IN. February 2011.

## 2010

1. Schifo, J. "New and Proposed Air Emission Requirements." KERAMIDA Inc. - Training Workshop for Rose Acre Farms. KERAMIDA Inc., Indianapolis, IN. September 2010.
2. Dubenetzky, P. "Air Pollution Requirements for Colleges and Universities." Indiana University & IUPUI - 2010 College and University Hazardous Waste Conference. Indianapolis, IN. September 2010.
3. Schifo, J. "GHG Monitoring Plant for EPA Reporting." American Foundry Society - 22<sup>nd</sup> AFS Environmental, Health & Safety Conference. Nashville, TN. August 2010.
4. Dubenetzky, P. "New Clean Air Act Developments." ICLEF - Master's Series Seminar: *Advanced Environmental Law*. French Lick, IN. July 2010.
5. Dubenetzky, P. "New Clean Air Act Developments." Hatchett & Hauck LLP - Presentation & Lunch. Indianapolis, IN. June 2010.
6. Dubenetzky, P. "New Clean Air Act Developments." Plews, Shadley, Racher & Braun LLP - Presentation & Lunch. Indianapolis, IN. June 2010.
7. Dubenetzky, P. "GHG, CAA Section 112j & g." KERAMIDA/Taft/IMA - Sustainable Success in the New Regulatory Climate Workshop. Indianapolis, IN. May 2010.
8. Dubenetzky, P. "Air Update - PM 2.5, GHG, 112j and 112g." KERAMIDA - 2010 *Day at the Park* Workshop. Indianapolis, IN. May 2010.
9. Dubenetzky, P. "Greenhouse Gas Reporting Rule/IDEM-NSPS Updates." IMAA - 2010 Winter Workshops. Carmel, IN. February 2010.

## 2009

1. Dubenetzky, P., KERAMIDA, McIver, A., Citizens Energy Group, and Russell, C., Schreiber Yonley & Associates. "MACT Update Panel Discussion." Indiana Chapter of the Air & Waste Management Association - Winter Technical Meeting. Indianapolis, IN. December 2009.
2. Dubenetzky, P., KERAMIDA and Wagner, B., Taft Stettinius & Hollister LLP. "EPA's Final Mandatory Reporting of Greenhouse Gases Rule, Legislative Initiatives, and Legal Challenges Webinar." KERAMIDA Inc./Taft Stettinius & Hollister LLP/IMA - Webinar. Indianapolis, IN. November 2009.

3. Dubenetzky, P. "New Clean Air Act Compliance Issues." KERAMIDA Inc. & Greenebaum Doll & McDonald PLLC - New Clean Air Act Compliance Issues Workshop. Lexington, KY. August 2009.
4. Dubenetzky, P. "New Clean Air Act Compliance Issues - Big & Small." ICLEF - Environmental Law Seminar. Indianapolis, IN. July 2009.
5. Dubenetzky, P., KERAMIDA and Ahern, M., Ohio EPA. "Major Source Air Permits Compliance-Monitoring, Reporting, Recordkeeping & Preparing for Inspections on Tight Budgets Due to a Weak Economy." Manufacturers' Education Council - 19<sup>th</sup> Annual Permitting in Ohio Conference. Columbus, OH. July 2009.
6. Dubenetzky, P. "Proposed Greenhouse Gas Reporting Rule." Taft Stettinius & Hollister LLP and KERAMIDA Inc - Greenhouse Gas Reporting Rule Webinar. Indianapolis, IN. June 2009.
7. Belcredi, K. "GHG Reporting Rule." Barnes & Thornburg LLP and KERAMIDA Inc. - Greenhouse Gas Reporting Rule Workshop. Indianapolis, IN. June 2009.
8. Dubenetzky, P. "Area Source NESHAPs." KERAMIDA's Annual Spring Workshop: *A Day at the Park*. Indianapolis, IN. May 2009.
9. Belcredi, K. "GHG Reporting Rule." KERAMIDA's Annual Spring Workshop: *A Day at the Park*. Indianapolis, IN. May 2009.
10. Dubenetzky, P., KERAMIDA, Sullivan, T., Barnes & Thornburg LLP, Murray, D. Indiana Department of Environmental Management. "Indiana: Major Air Permitting, Compliance & Title V Developments." Manufacturers' Education Council - 18<sup>th</sup> Annual Business & Industry's Environmental Health & Safety Symposium. Cincinnati, OH. March 2009.
11. Dubenetzky, P., KERAMIDA and Sullivan, T., Barnes & Thornburg LLP. "Clean Air Act Permitting: What You Need to Know." Indiana Chamber of Commerce and Barnes & Thornburg LLP - Indiana Environmental Issues Conference. Indianapolis, IN. March 2009.
12. Schifo, J., KERAMIDA and Wylie, A., Environmental Engineer, Metal Technologies. "Growing Momentum for a Climate Change Initiative... Calculating Your Carbon Footprint." Manufacturers' Education Council - 18<sup>th</sup> Annual Business & Industry's Environmental Health & Safety Symposium. Cincinnati, OH. March 2009.
13. Dubenetzky, P. and Shelby, K. "New Hazardous Air Pollutant Rules for 71 Minor Source Categories - What Does Your Business Have to Do and When Do You Have to Do It." IMA, Taft Stettinius & Hollister LLP, and KERAMIDA Inc. - Up in the Air Workshop: *Greenhouse Gas Regulations and Other New Air Rules Affecting Indiana Businesses*. Indianapolis, IN. March 2009.

## 2008

1. Schifo, J. "Climate Change and the Metalcasting Industry." Central Illinois Chapters of the The Materials Information Society and the American Foundry Society - Meeting. Peoria, Illinois. November 2008.
2. Moore, K. "Air Quality Regulations and How They Apply to Foundries." INCMA - Foundry Tour/Workshop for IDEM Permit Writers. Indianapolis, IN. October 2008.
3. Schifo, J. "Foundry Production Processes." INCMA - Foundry Tour/Workshop for IDEM Permit Writers. Indianapolis, IN. October 2008.
4. Dubenetzky, P. "Under the Radar - Regulatory Issues You Should Know About." The Greater Elkhart Chamber of Commerce - 2008 Environmental and Safety Conference. Elkhart, IN. October 2008.
5. Dubenetzky, P. "Under the Radar - Regulatory Issues You Should Know About." KERAMIDA's Annual Traveling Workshop Series: *Latest Environmental News*. Indianapolis, IN, Cincinnati, OH, Dayton, OH, Fort Wayne, IN, South Bend, IN, Detroit, MI. September and October 2008.
6. Schifo, J. "Emissions Inventories & Using the Correct Emission Factors." American Foundry Society - Advanced Foundry Air Seminar. Atlanta, GA. September 2008.
7. Dubenetzky, P. "Air Overview 101 - An Overview of Clean Air Act Requirements." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.

8. Dubenetzky, P. "EPA Targets Diesel Engines." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
9. Dubenetzky, P. "History of EPA Diesel Regulations." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
10. Dubenetzky, P. "Compliance with Air Pollution Control Rules and Permits." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
11. Dubenetzky, P. "CIC Air Permit." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
12. Dubenetzky, P. "Air Construction & Operating Permit Programs." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
13. Dubenetzky, P. "Emissions Inventories & Using the Correct Emission Factors." KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
14. Moore, K. "What Changes at Your Plant Require a Change to Your Permit?" KERAMIDA Training Workshop for Cummins Inc. Columbus, IN. August 2008.
15. Schifo, J., KERAMIDA and Ostrowski, R., Griffin Wheel Co. "CO<sub>2</sub> Emissions & Foundry Reporting Protocol." American Foundry Society - 20<sup>th</sup> Environmental, Health & Safety Conference. St. Louis, MO. August 2008.
16. Schifo, J. "Assessing Your Foundry's GHG Impact." INCMA Workshop hosted by KERAMIDA: *Understanding and Preparing for Green House Gas Regulations*. KERAMIDA Inc., Indianapolis, IN. August 2008.
17. Schifo, J. "General Overview of the Issues and Related Sciences." INCMA Workshop sponsored by KERAMIDA: *Understanding and Preparing for Green House Gas Regulations*. KERAMIDA Inc., Indianapolis, IN. August 2008.
18. Baugues, K. "Updating AP-42." Panel Discussion. Air & Waste Management Association - 101<sup>st</sup> Annual Conference & Exhibition. Portland, OR. June 2008.
19. Schifo, J. "Large Foundry Melting Requirements - Iron & Steel Foundry Area Source Rules 40 CFR Part 63, Subpart ZZZZZ." Ohio Cast Metals Association - Environmental Issues Workshop. Columbus, OH. March 2008.
20. Schifo, J., KERAMIDA Inc., Crandell, G. Technikon LLC, LaFay, V., S&B Industrial Minerals, and Sheya, S. "Carbon Monoxide and Carbon Dioxide Emission Variability in Metalcasting Pouring, Cooling, and Shakeout Operations." American Foundry Society. *AFS Transactions 2008*. Vol. 116. Paper 08-031(10). January 2008.

## 2007

1. Schifo, J. "PM vs. PM<sub>10</sub> Condensable PM - How to Compare Test Results to Permit Limits." Air & Waste Management Association. October 2007.
2. Chow, J., Watson, J., Feldman, H., Nolen, J., Wallerstein, B., Hidy, G., Liroy, P., McKee, H., Mobley, D., Baugues, K. (KERAMIDA) and Bachmann, J. "2007 Critical Review Discussion - Will the Circle Be Unbroken: A History of the U.S. National Ambient Air Quality Standards." *Journal of the Air & Waste Management Association*. Volume 59. Number 10. October 2007.
3. Dubenetzky, P. "Air Permitting: An Application for You." KERAMIDA's Latest Environmental News Workshop. Lafayette, IN, Elkhart, IN, Columbus, IN, Evansville, IN, Cincinnati, OH, and Columbus, OH. September 2007.
4. Dubenetzky, P. "NESHAP required O & M and SSM Plans - Lessons Learned That Can Be Applied to Forthcoming Industrial Changes." Manufacturers' Education Council - 17<sup>th</sup> Annual Conference on Air & Water Permits: *Environmental Permitting in Ohio*. Columbus, OH. July 2007.
5. Dubenetzky, P. "Make the Permit You Need into the Permit You Want." Manufacturers' Education Council - 17<sup>th</sup> Annual Conference on Air & Water Permits: *Environmental Permitting in Ohio*. Columbus, OH. July 2007.
6. Baugues, K. "General Emission Factor Issues & Emission Factors and Inventories Committee." Chairman. Air & Waste Management Association - 100<sup>th</sup> Annual Conference & Exhibition. Pittsburgh, PA. June 2007.

7. Baugues, K. "Updating AP-42." Co-Chairman. Air & Waste Management Association - 100<sup>th</sup> Annual Conference & Exhibition. Pittsburgh, PA. June 2007.
8. Schifo, J. "Iron and Steel Area Source Rules." Indiana Cast Metals Association - Update Meeting. Indianapolis, IN. June 2007.
9. Dubenetzky, P. "Flexible Air Permits - PTE." KERAMIDA Workshop: *Best Practices: SPCC, SWPPP, Air Permitting, Just another Day at the Park!* Indianapolis, IN. June 2007.
10. Baugues, K., KERAMIDA, Stahle, G., General Motors, and Neyman, M., IDEM. "Strategic Planning for Facilities Located in Ozone & PM 2.5 Non-Attainment." Manufacturers' Education Council - 16<sup>th</sup> Annual Business and Industry's EHS Symposium. Cincinnati, OH. March 2007.
11. Dubenetzky, P., KERAMIDA and Heyob, K., HONDA. "Featured: How to Get an Air Permit Quickly... Invaluable Insight into Honda of America Manufacturing Recent Experience Obtaining a Complicated Permit for a Complex Facility in 3 Months Following Submission of Application... Lessons Learned that Can Apply to All Facilities, Small or Large." Manufacturers' Education Council - 16<sup>th</sup> Annual Business and Industry's EHS Symposium. Cincinnati, OH. March 2007.
12. Dubenetzky, P. "Air Quality Planning for the 21st Century." Indiana Chamber of Commerce/Barnes & Thornburg, LLP - Environmental Issues Conference. Indianapolis, IN. March 2007.

## 2006

1. Dubenetzky, P., KERAMIDA and Oligier, A. "What Foundries Should be Doing Now - Iron and Steel Foundry MACT." Indiana Cast Metals Association - Environmental & Energy Forum. November 2006.
2. Dubenetzky, P. "Air Toxics in Indiana." AWMA - Fall Tech Meeting. November 2006.
3. Schifo, J. "Carbon Monoxide (CO) Emissions Indiana Update." OCMA - Environmental Issues Workshop. Columbus, OH. October 2006.
4. Schifo, J. "Foundry Emission Factors." OCMA - Environmental Issues Workshop. Columbus, OH. October 2006.
5. Schifo, J. "CERP Update." OCMA - Environmental Issues Workshop. Columbus, OH. October 2006.
6. Baugues, K. and Dubenetzky, P. "General Air Permitting." KERAMIDA Air Workshop. October 2006.
7. Dubenetzky, P. "Hot Indiana Issues." KERAMIDA Air Workshop. October 2006.
8. Schifo, J. "General Air Permitting." KERAMIDA Air Workshop. October 2006.
9. Schifo, J. "Looming NESHAP Obligations." KERAMIDA Air Workshop. October 2006.
10. Moore, K., Dick, M., and Oligier, A. "General Air Permitting." KERAMIDA Air Workshop. October 2006.
11. Baugues, K. and Dubenetzky, P. "Attainment vs. Non-Attainment - EPA & State Redesignations." American Foundry Society - 18<sup>th</sup> Annual Environmental Health & Safety Conference. Nashville, TN. September 2006.
12. Schifo, J., KERAMIDA and Riehl, D., Caterpillar. "What's Next for MACT?" American Foundry Society - 18<sup>th</sup> Annual Environmental Health & Safety Conference. Nashville, TN. September 2006.
13. Dubenetzky, P. "Environmental Update." Central Indiana AFS - Chapter Meeting. September 2006.
14. Baugues, K. "Considerations in Looking at Long-Term Trends in Air Quality." 99<sup>th</sup> Annual Conference of the Air & Waste Management Association. New Orleans, LA. June 2006.
15. Baugues, K. "Does Sampling Frequency Play a Major Role in Determining PM2.5 Ambient Air Statistics and Ultimately Attainment Status?" 99<sup>th</sup> Annual Conference of the Air & Waste Management Association. New Orleans, LA. June 2006.
16. Schifo, J. "CERP Organic HAP Emission Measurements and the Development of the AFS HAP Guidance Document." American Foundry Society / NADCA - 110<sup>th</sup> Metalcasting Congress. Columbus, OH. April 2006.

17. Baugues, K. "Air Quality Modeling." 15<sup>th</sup> Annual Business and Industry's Environmental Health & Safety Symposium. Cincinnati, OH. March 2006.
18. Schifo, J. "Foundry Air Emissions - 'Where We Are and Where We Are Going!'" American Foundry Society - Conference on Advancements in Low Emissions Castings Technology. Cincinnati, OH. March 2006.
19. Schifo, J. "Environmental Hot Topics - MACT, Area Sources Rules Environmental Compliance Assessments." American Foundry Society - Wisconsin Regional Conference. Milwaukee, WI. February 2006.
20. Schifo, J., KERAMIDA and Loeffler, J., ThyssenKrupp Waupaca. American Foundry Society - Environmental 101 Seminar. Atlanta, GA. February 2006.

## 2005

1. Baugues, K. "Impacts of New Air Quality Dispersion Models." Indiana Manufacturers' Association - Fall 2005 Meeting. Indianapolis, IN. November 2005.
2. Schifo, J. "Organic Hazardous Air Pollutant Emission Factors for Iron Foundries." Air Quality Committee, American Foundry Society. August 2005.
3. Schifo, J., Hamilton, N., and Hartman, M. "BAT, RACT, MACT Standards." 15<sup>th</sup> Annual MEC Seminar: *Environmental Permitting in Ohio*. July 2005.
4. Baugues, K. "Impacts of New Air Quality Dispersion Models." KERAMIDA Air Seminar: *The Impact of Regulatory Changes on Economic Development*. Columbus, OH. May 2005.
5. Schifo, J., and Crandell, G., "Reductions in Organic Hazardous Air Pollutants in Iron Metalcasting Facilities." Paper and Presentation at Air and Waste Management Association National Conference. Minneapolis, MN. May 2005.
6. Crandell, G., Schifo, J., and Mosher, G. "CERP Organic Emission Measurements for Iron Foundries and their use in development of an AFS HAP Guidance Document." Paper and Presentation at American Foundry Society. April 2005.

## 2004

1. Baugues, K., KERAMIDA, and Maxwell, D. "Long-term Trends in Emissions and Air Quality in the Front Range." Improving Quality of Life in the Rockies Conference. Golden, CO. September 2004.
2. Baugues, K. "Background Ambient Air Levels of Toxic Air Pollutants." Midwestern States Risk Assessment Symposium. Indianapolis, IN. August 2004.
3. Baugues, K. "Long-Term Air Pollution Trends in Indiana." 97<sup>th</sup> Annual Conference of the Air & Waste Management Association. Indianapolis, IN. June 2004.
4. Schifo, J. "Hazardous Air Pollutant Variability in Ferrous Metalcasting Facilities." Paper and Presentation at Air and Waste Management Association National Conference. June 2004.
5. Schifo, J. "Energy and CO<sub>2</sub> Reduction Opportunities." 13<sup>th</sup> Annual Business & Industry's Environmental, Health and Safety Symposium. Cincinnati, OH. March 2004.
6. Schifo, J., and Radia, J. "Theoretical/Best Practice Energy Use in Metalcasting Operations." Report for the Industrial Technologies Program, United States Department of Energy. 2004.

## 2003

1. Keramida, V., Rarick, T., Belcredi, K., Gremos, A., Hogan, T., and Zabonick, D. "Technical Information Transfer Symposium." KERAMIDA's Annual Workshop. 2-day seminar. Indianapolis, IN. October 2003.
2. KERAMIDA Senior Staff Members. "Hot Topics in Air Matters and Tips & Tools for Protecting Your Rights." 1-Day Workshop presented by Ice Miller and KERAMIDA. Indianapolis, IN. April 2003.
3. Schifo, J. and Rarick, T. "Iron and Steel Foundry MACT Proposed Rule." KERAMIDA Half-Day Seminar. 5 Nationwide Locations. January 2003.



- Schifo, J. and Rarick, T. "Air Emission." American Foundry Society - Environmental 101 Course. Taught Air Emission Section for the 2-day Course, offered in Chicago (2000), Sacramento (2000), Indianapolis (2001), Chicago (2002), Chicago (2003).
- Schifo, J., Schleg, F., Lohloff, F., Radia, J., and Ohman, D. "Technology of Metalcasting." American Foundry Society. 2003.
- Schifo, J., Braun, and Guiliani, K. "Control Technology for Air Permits: New MACT." 13<sup>th</sup> Annual Conference on Air & Water Permits: *Environmental Permitting in Ohio*. Columbus, OH. 2003.

## 2002

- Schifo, J. and Rarick, T. "Foundries at the Crossroads: Iron and Steel MACT." KERAMIDA 1-Day Air Workshop. 5 Nationwide Locations. January 2002.

## 2001

- Schifo, J. "Environmental Issues Update." Illinois Cast Metals Association - ICMA Annual Meeting. Peoria, IL. June 2001.
- Schifo, J. and Rarick T. "What Emissions? Who Cares?" American Foundry Society - AFS Casting Congress. Dallas, TX. 3-day. April 2001.
- Schifo, J. "Impact of Foundry Process Parameters on Pouring, Cooling and Shakeout Emissions." American Foundry Society - AFS Casting Congress. Dallas, TX. 3-day. April 2001.
- Schifo, J. "Iron and Steel MACT Update." Air and Waste Management Association - AWMA Regional Conference. Grand Rapids, MI. March 2001.
- Schifo, J. "Iron and Steel MACT Update." American Foundry Society - Wisconsin Regional Conference. Milwaukee, WI. 2-day. February 2001.
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