

## Michigan City & LaPorte Compressed Air Companies Continued:

Freezing Systems & Service, Inc., was incorporated in 2005. FSS Inc. delivers made-to-order equipment and control systems, including electrical panel design and cabinet fabrication, the programming of PLCs, PC and visualization software, network couplings, and modem links to meet today's demanding technology requirements. FSS staffs and supports a full-service group with well-qualified technicians ready to repair or modify freezing systems anywhere in the world.

LEFCO CPS Inc. is a distributor of portable and industrial air compressor parts, both nationally and internationally, for all major brands. They set themselves apart from their competitors with their years of technical knowledge in the industry, which gives them an advantage when delivering technical support to their customers.

Mikropor produces atmospheric air filtration and compressed air systems for a variety of industries. Products include: air/oil separators, refrigerated and desiccant air dryers, compressed air filters, aftermarket replacement elements, air intake filters, and oil filters for compressors. Mikropor serves the industrial filtration markets, including air compressor equipment, compressed air purification, power generation, gas turbine, dust collection, clean room, and HVAC.

Mid-States Refrigeration Supply, Inc., specializes in replacement Sullair Refrigeration and Process Gas compressor units through the Sullair Exchange Program.

Sullair, a Hitachi Group Company, is a major manufacturer of portable and stationary rotary screw air compressors designed for commercial and industrial use in manufacturing, oil and gas operations, food processing, construction, and more. Sullair has offices in Chicago and manufacturing facilities in the United States and China – all ISO 9001 certified to ensure the highest quality standards in manufacturing.

Sullivan-Palatek Inc., a leader in innovation and design, offers the industry's widest range of electric and portable rotary screw air compressors. Sullivan-Palatek manufactures electric and diesel-driven high-performance rotary screw air compressors. In addition, they offer a complete line of accessory items which include air dryers, filters, condensate remediation systems, and pneumatic tools.

Vanair Manufacturing has been providing Mobile Power Solutions® since 1972 and offers the most comprehensive product line of: vehicle-mounted air compressors, generators, welders, hydraulics, Electrified Power Equipment™, chargers/boosters, engine starters, and custom products in the world. Elevating the meaning of Mobile Power Solutions® through innovative design, training, and support, Vanair® engineers rugged and dependable products that improve efficiency and productivity worldwide.



“Michigan City/LaPorte County is at the forefront of the Compressed Air and Gas industry -- one of the fastest-growing industries in the United States. Michigan City High School's Compressed Air Academy is an exciting business-education partnership that will help us ensure we remain a national leader in this sector.”

Clarence Hulse  
Executive Director, Economic Development Corporation of Michigan City



## COMPRESSED AIR ACADEMY

### Links:

Curriculum Outline  
[http://educateMC.net/compressor\\_curriculum](http://educateMC.net/compressor_curriculum)

Indiana Manufacturing Association - Rules and Guidance for Hiring Youth in Manufacturing Training Programs  
[http://educateMC.net/IMA\\_rules](http://educateMC.net/IMA_rules)

Michigan City High School Compressed Air Academy (Sullair Press release)  
[http://educateMC.net/Sullair\\_Press](http://educateMC.net/Sullair_Press)

Work Ethic Certificate Information  
[http://educateMC.net/work\\_ethic](http://educateMC.net/work_ethic)

### For More Information:



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## COMPRESSED AIR ACADEMY

### Preparing a Future Workforce

In partnership with Sullair, Boss Industries, Dekker Vacuum Technologies, Sullivan-Palatek, and Vanair, the Compressed Air Academy at Michigan City High School prepares students for high-demand jobs in the compressed air and vacuum industries.

Additional partnerships are welcomed and encouraged.



# The Compressed Air Academy

► Currently 2,000 individuals from Northwest Indiana are employed in the compressor/vacuum industry.

The Compressed Air Academy at Michigan City High School aims to maintain our region's distinction as an industry leader by building a workforce of well-prepared, qualified students who will stay in the community to raise their families.

The Compressed Air Academy is a one- or two-year program. Students who complete Year 1 are prepared for an entry-level position. Students who complete Year 2 and other course work are well prepared for an entry-level position and have the background and experiences to move into intermediate positions within the compressor/ vacuum industries.



1

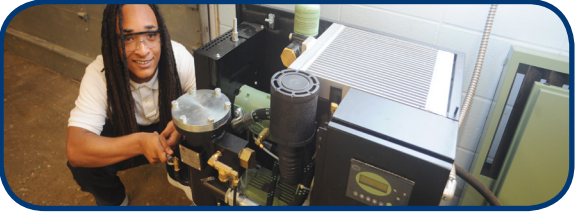
Year 1 students begin the Academy with a core curriculum that focuses on industry safety and introductory craft skills. The second semester focuses on precision measuring tools, fasteners & anchors, steel piping, hoses, tubing, valves, and pumps & drivers, along with basic pneumatics & hydraulics. Students also have monthly enrichment experiences including guest speakers, site visits to industry, field trips to the International Manufacturing Technology Show or Made in LaPorte County, and visits to the A.K. Smith Career Center lab and Ivy Tech Community College.

2

Year 2 students focus primarily on Millwright Level 4 Modules: compressors & compressor maintenance; pumps; installing electric motors, fans & blowers; setting base plates & pre alignment; conventional alignment; and compressor & pneumatic systems. Year 2 students also have opportunities for job shadowing, apprenticeships, and a field trip to the Compressed Air trade show in Chicago. They also participate in Future Career Expo mock interviews at the A.K. Smith Career Center.

## Compressed Air Academy Students:

- work with industry-grade donated air compressor and vacuum systems in the classroom
- have hands-on learning opportunities at local compressor/vacuum industrial complexes
- earn industry certifications preparing them for entry-level positions.



Students are encouraged to pursue a Core 40 or Core 40 with Technical Honors Diploma including a Work Ethic Certificate. Students in grade 12 completing the Compressed Air Academy course are well positioned for an entry-level position. Students in grades 9-11 may consider following up with additional courses at the high school (Intro to Construction or Intro to Engineering Design - A Project Lead the Way course) or LaPorte County Career and Technical Education courses (Welding, Manufacturing, or Energy Academy) at the A. K. Smith Career Center.

Students study National Center for Construction Education & Research (NCCER) materials that offer certificates for each level of completion.

## Michigan City & LaPorte Compressed Air Companies:

**Boss Industries, LLC**, has become one of the leading manufacturers in rotary screw PTO compressor systems for utility and municipality markets, accounting for more than 50% of all PTO rotary screw compressor sales. Boss Industries' markets include firefighting, military, tire service, mechanics' trucks, railroads, mining, and construction.

**CompressAir** has been servicing some of the world's most notable brands around the Northern Indiana and Chicagoland area since 1987. Locally owned and operated, CompressAir takes pride in offering the most efficient and reliable products and services currently on the market.

**Cook Compression** is a resource for engineered compressor solutions, delivering proven performance in reciprocating compressors around the world. With components, monitoring technology, diagnostics, repair and field services, Cook Compression provides everything needed to optimize efficiency, reliability, compliance, and productivity.

**Dekker Vacuum Technologies Inc.**, specializes in custom-engineered vacuum systems and offers a wide range of industrial vacuum pumps, compressors and vacuum pump systems. Established in 1998, Dekker Vacuum Technologies, Inc. is a privately held company operating in an 81,000 square foot manufacturing, distribution, and warehouse facility in Michigan City. Dekker Vacuum Technologies has grown to be one of the top vacuum equipment suppliers in the industry.

