



## Technical Employees Profile

### Mike Neundorfer

#### President & Owner

- With Neundorfer since 1973
- B.S. in Mechanical Engineering, University of Rochester
- M.B.A., Baldwin Wallace College

#### Specialties Include:

- Precipitator expertise in process evaluation; rapping system acceleration testing; retrofits and upgrades; process controls; fly ash resistivity, evaluation and modification; and fly ash evacuation optimization

Mike has authored technical articles and papers related to precipitator operation and troubleshooting

### Steve Ostanek

#### VP Sales & Marketing

- Joined Neundorfer in 1982
- B.S. International Marketing, University of Akron

#### Specialties Include:

- Process and precipitator problem analysis
- Cost/benefit analysis
- Specification generation assistance

### Iggy Alioto

#### Field Service Representative

- Joined Neundorfer in 1985

#### Specialties Include:

- Precipitator rebuilds
- Mechanical inspections
- Construction supervision and project management
- Diagnostics of mechanical and structural problems

### Marlin Anderson

#### Consultant & APCO Services Manager

- Joined Neundorfer in 2007,
- B.A. Physics & Mathematics, Huntingdon College
- M.S. Physics and Ph.D. Physics, Auburn University

#### Specialties include:

- Gas-flow modeling of pollution control equipment
- Modeling and evaluation of precipitator performance
- In-situ testing of gas-flow distributions; in-situ and laboratory resistivity measurements
- Process evaluation

Marlin has also authored or co-authored papers and reports on the evaluation of new technologies and particulate control device performance.



## Technical Employees Profile

### Karl Artz

Senior Design & Development Engineer

- Joined Neundorfer in 1984
- B.S. in Electrical Engineering, Case Western Reserve University

#### Specialties Include:

- Design of precipitator control systems
- Microprocessor-based industrial control hardware and firmware design
- Patent #5,144,442—Temperature Compensation of Lift Height of Electromagnetic Impact Rappers

### Russ Bailey

Field Service Technician—Electrical and Mechanical

- Rejoined Neundorfer in 2006

#### Specialties include:

- Controls installation and startup
- Electrical/mechanical field service and supervision
- Precipitator controls
- Inspections and troubleshooting

### Brian Bedford

IT/Systems Administrator

- Joined Neundorfer in 2004

#### Specialties include:

- Network and systems communication expertise
- POS configuration, support and customer service

### Kyle Campbell

Computer Engineer

- Joined Neundorfer in 2002
- B.S., Computer Engineering, Case Western Reserve University

#### Specialties include:

- Ash evacuation system optimization
- PLC integration and support
- New product development
- POS customer support



## Technical Employees Profile

### Kelly Chapin

#### Electrical Engineer

- Joined Neundorfer in 2007
- B.S., Electrical Engineering, University of Wisconsin, Milwaukee

#### Specialties include:

- SmartAsh hopper evacuation optimization installation and service
- PLC programming
- POS configuration

### Carlo Chico

#### Electrical Engineer

- Joined Neundorfer in 2004
- B.S., Electrical Engineering, University of Toledo

#### Specialties include:

- Program PLC on Allen Bradley, Fanuc, and Siemens platforms
- DCS, HMI, control panel and PLC integration
- Electrical design of hardware and software for process controls
- PLC integration including fly ash evacuation (SmartAsh) and flue gas conditioning systems (SO<sub>3</sub>/NH<sub>3</sub>)

### Tony Fricke

#### Mechanical Engineer

- Joined Neundorfer in 1997
- B.S., Mechanical Engineering, Cleveland State University

#### Specialties Include:

- Mechanical inspections and field technical direction
- Production engineering
- Design
- Rapping systems acceleration testing
- Flue gas conditioning system design and integration
- Project management

### Pat Horvath

#### Mechanical Engineer

- Joined Neundorfer in 2008
- B.S. Mechanical Engineering, Cleveland State University
- Masters of Engineering Management, Case Western Reserve University.

#### Specialties include:

- CFD computer models
- Mechanical inspections and Field Technical Direction
- Project Management
- Production Engineering



## Technical Employees Profile

### Dave Novotny

#### Construction Superintendent

- Joined Neundorfer in 1996 ; has worked with precipitators since 1989
- Associate degree in Civil Engineering, Northwestern Technical College
- Associate degree in Marine Drafting
- CAD-certified

#### Specialties include:

- Precipitator rebuilds
- Mechanical inspections
- Construction supervision and project management
- Diagnostics of mechanical and structural problems

### Sameer Pandit

#### Electrical Engineer

- Joined Neundorfer in 2008
- B.S. Instrumentation Engineering, Mumbai University, India
- Master of Engineering Management, Case Western Reserve University

#### Specialties Include:

- Software support for Smart Purge
- SO<sub>3</sub> field service
- HMI and PLC Integration
- Program PLC on Allen Bradley and Siemens platforms

### Jim Parsons

#### Senior Engineering Consultant

- Joined Neundorfer in 2007
- Civil Engineering degree, Idaho State University
- Advanced APC and business management classes

#### Specialties Include:

- Field troubleshooting, design and process evaluation for ESPs and baghouses
- Construction supervision
- New product development

Jim has authored, co-authored and presented numerous papers on the design, operation and maintenance of ESPs and baghouses. He holds three patents on APC-related equipment, including the AH series of acoustic horns.

### Jeff Preston

#### Electronic Engineer

- Joined Neundorfer in 1993
- B.S., Electronic Engineering Technology, Cleveland State University
- M.B.A., Lake Erie College

#### Specialties Include:

- Software development for precipitator optimization systems
- Production engineering
- Controls support
- New business and process development



## Technical Employees Profile

### Dan Quirk

#### Senior Designer

- Joined Neundorfer in 1996
- 20 years experience with AutoCAD

#### Specialties include:

- Field and fabrication drawings of mechanical parts
- Component design
- Design and layout of PCB for controls products
- CAD system management
- Product management

### Chuck Stephens

#### Field Service Technician—Electrical

- Joined Neundorfer in 2002
- Has 23 years experience with precipitators and electrical applications

#### Specialties include:

- Troubleshooting
- Controls Installation and startup
- POS and controls support
- SO<sub>3</sub> support and installation
- PLC—Commission, debug, troubleshooting and modification

### Eric Sukalac

#### Computer Engineer

- Joined Neundorfer in 2008
- B.S. Computer Engineering, Case Western Reserve University

#### Specialties Include:

- Precipitator Health Monitoring System (PHMS™) software development
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### Jeremy Timmons

#### Chemical Engineer

- Joined Neundorfer in 1999
- B.S. Ohio University, Chemical Engineering Major, General Business Minor

#### Specialties include:

- Consulting projects including inspections, modeling and process issues affecting precipitators and performance prediction
- Flue gas conditioning system design and integration
- Project management



## Technical Employees Profile

### Zsuzsanna Toth

#### Electrical Engineer

- Joined Neundorfer in 1998
- B.S., Electrical Engineering, Kando College of Budapest

#### Specialties include:

- Production engineering
- AutoCAD
- Controls Testing and Support

### Edwin G. Zimmer

#### Field Service Technician—Electrical

- Joined Neundorfer in 1989
- Licensed maintenance electrician
- Associate degree, Applied Sciences, Mt. San Antonio College
- Certificate, Low Temperature Boilers, Parker Boiler School (California)
- Certificate, HVAC, Los Angeles Technical School
- U.S. Air Force—Hydraulics, Aerospace

#### Specialties Include:

- Controls installation and startup
- Electrical field service and supervision
- Precipitator Optimization System and controls support