

A. P. NONWEILER CO.

Custom Industrial Coatings Solutions

A.P. Nonweiler Company, Inc.

Company Overview



The Story of A.P. Nonweiler

A.P. Nonweiler Company, Inc. is a family-owned, Oshkosh-based paint and coatings manufacturer that was founded in 1929. Since the company's inception, it has grown to over 160,000 square feet of production space and employs more than 75 employees, including some of the brightest experts and chemists in the industry. The catalyst for this growth has been a history of innovative thinking, collaborative problem-solving, and a ceaseless entrepreneurial spirit demonstrated by the company's leaders.

As a family-owned company, A.P. Nonweiler and its third-generation owner, Mark Nonweiler, have persevered over the course of decades. In an industry that has seen massive consolidation through mergers, acquisitions and regulatory constraints,

A.P. Nonweiler has succeeded by creatively providing services and solutions that would be difficult to acquire elsewhere. This unique ability to excel through adversity has contributed to A.P. Nonweiler's continued success.

A.P. Nonweiler's versatility has led to a tremendously diverse group of offerings, which include two additional divisions: Crescent Bronze Metallic Powders & Paints and Color FX Ink. When it comes to company culture, there is also a diverse numbers of offerings including generous profit-sharing for employees, community service and support, tuition assistance, donations, and many opportunities offered to the hard-working staff.

A.P. Nonweiler has always operated on a set of ethical principles, which have contributed to its continued success as a family-owned business.

The future looks bright for A.P. Nonweiler and its clients. As regulations continue to become increasingly complicated and production challenges arise, A.P. Nonweiler, will continue to thrive in the industry and support its customers. That support will continue to include peace of mind, expedient service, and the highest quality results.



Mark Nonweiler
Third-Generation Owner



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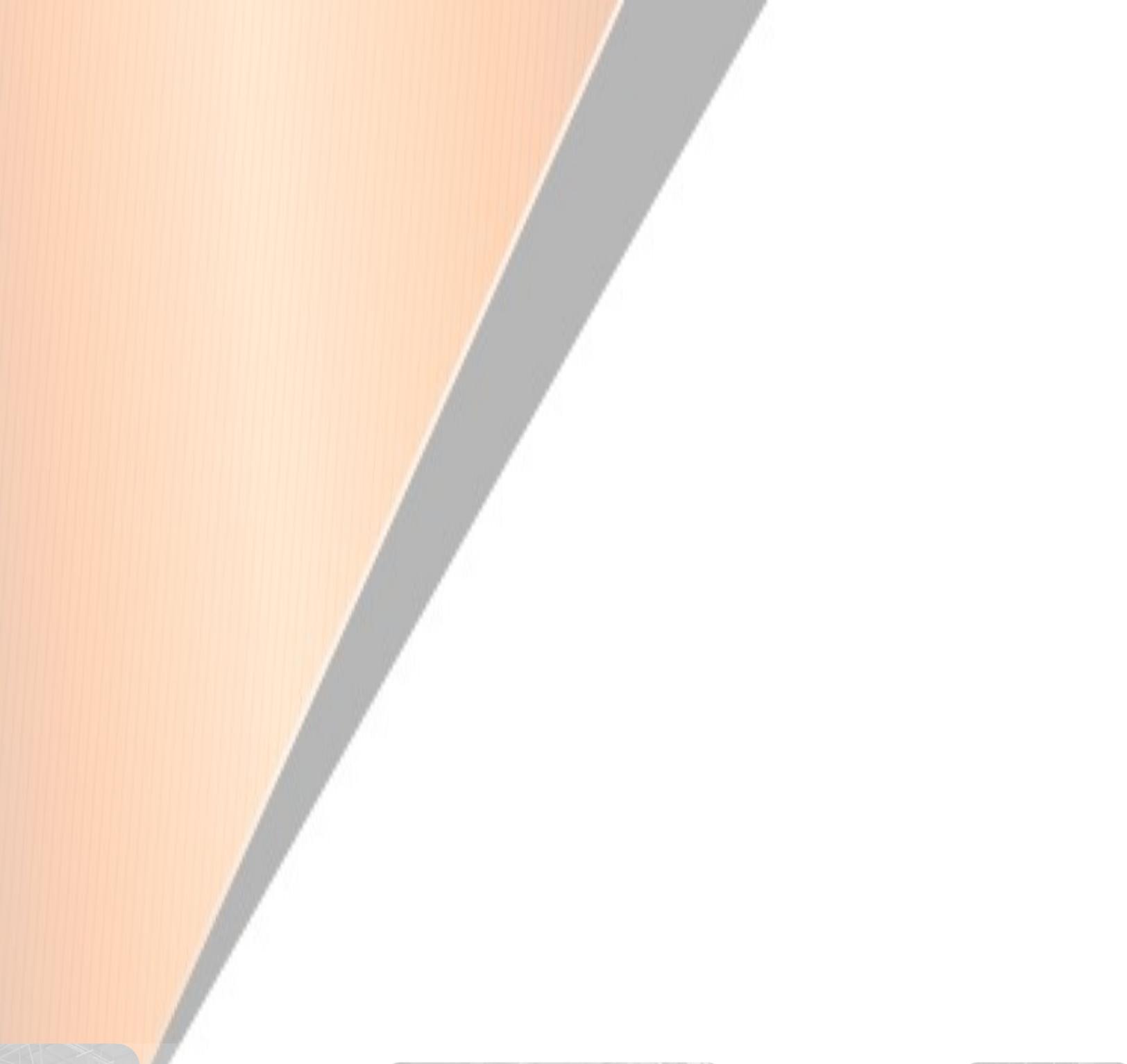
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What We Do



General Services Overview

At A.P. Nonweiler, we have carved a niche in the paint and coatings industry by taking on challenges other coatings manufacturers were not as prepared to address. We have dedicated our resources to facility improvements, manpower improvements and professional development of employees. No job is too small or too large and no challenge is too great. Our most common products and services include:

- Industrial Coatings
- Protective Coatings
- Custom-Cut Nitro Solutions
- Custom Coatings
- Sustainable Coatings
- Vacuum Metalizing
- Crescent Bronze Metallic Effect Coatings
- Color FX (UV and Screen Printing Inks)



(Above) Tank Farm Storage



(Above) Hoses In Tank Farm



(Above) R&D Lab Equipment

On-Site Storage Capacity

Our ever-growing storage capacity allows us to manufacture and store solvents and solutions in large volumes. When a client orders a large quantity, we have the infrastructure to accommodate such requests. These images demonstrate the scale of our production capabilities.



(Above) 36,000-Gallon Solvent Storage



(Above) 2nd Tank Farm. Capacity: 50,000-Gallons (Top 10 Solvents). Metered Throughout Production Area Via Overhead Manifold System.



(Above) (2) 7,000-Gallon Solution Tanks. (Full Truckload Capacity.)
100HP VFD



(Above) Emulsion Storage

Production Equipment

With multiple mixer “decks,” no job is too large for our production team. Each manufacturing vessel has safety precautions and is used by trained professionals.

The mixers on this page represent some of the scalable options that are available when working with A.P. Nonweiler.



(Above) “Penta Deck” (5) 1,700–Gallon Tanks. Each with 100HP VFD



(Above) “Tri Deck” (3) 1,700–Gallon (2)100HP VFD



(Above) “GE Deck” 250HP HSD (2) 2,000–Gallon Tanks



(Above) “Pit Deck” (2) 2,000–Gallon Tanks 200HP VFD

Production Equipment

Our in-house equipment includes multiple planetary mixers (pictured below) that allow us to create specialized products with controlled variables such as humidity, pressure, etc. Also pictured are miscellaneous mixers and tanks used in general production.



(Above) 150 VFD—Swings Between (2) 1,000-Gallon Tanks



(Above) Mixers for Mobile Tanks



(Above) (2) Planetary Mixers 110/30HP—Air/N₂—Hot/Cold—Pressure/Vacuum Capable Of Producing Up To 2,000,000 cp. Capacity: 300-500 Gallons Per Batch



(Above) "Twin Screw" (2) 1,500 Gallons 100HP VFD

Production Equipment

To keep our facilities clean and safe, we use multiple HEPA dust collectors throughout the production areas (pictured below). We also produce a large variety of solutions in tanker-sized batches. There are two tanker loading bays located on site.



(Above) One of Two Tanker Loading Bays



(Above) HEPA—Dust Collection Systems

Production Equipment

Other important manufacturing details include our ability to track our tank farm inventory using acoustic radar, some unique pieces of equipment like our plow mixer and multiple canning machines, and our large warehouse with more than 1,900 raw materials on hand.



(Above) All Tanks In Our Tank Farm Are Monitored By Acoustic Radar



(Above) Plow Mixer—1,800-Gallons / 2,000,000 cp



(Above) Mobile XP 4-Head Canning Device

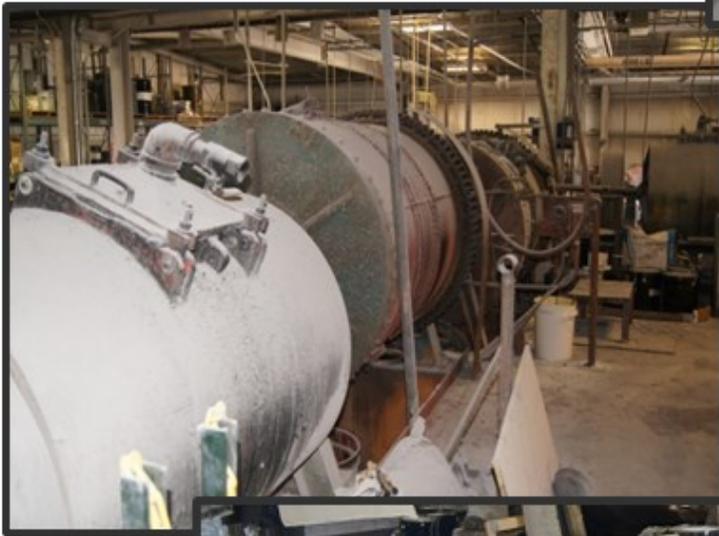


(Above) A.P. Nonweiler Has More Than 1,900 Raw Materials On Hand. They Are Stored In Sprinklered Racking, Organized / Tagged By Bar Code

Small Batch Production

Small batch production is an essential part of our offerings. Our small batch production area manufactures batches with sizes ranging from 10–1,200 gallons.

Some examples of small batch products include adhesives, specialized coatings, and R&D test batches.



(Above, Left, and Below)

General Small Batch Production Capabilities:
10–1,200 Gallon Mobile Tanks
(40+) 3HP–60HP VFD Dispenser, (5) Sand Mills, (10) Ball Mills, (5) Horizontal Mills



Chromate Production

Chromate production requires precise control of many environmental variables. Our production facilities include a dedicated chromate production area. There are many advantages to using chromate, which is why many of our clients offset the challenge of handling chromate by outsourcing its safe handling to A.P. Nonweiler. Once properly mixed into a formula, the hazards of the chromate are negated and the end-user receives the chromate solution without the hazardous production process.



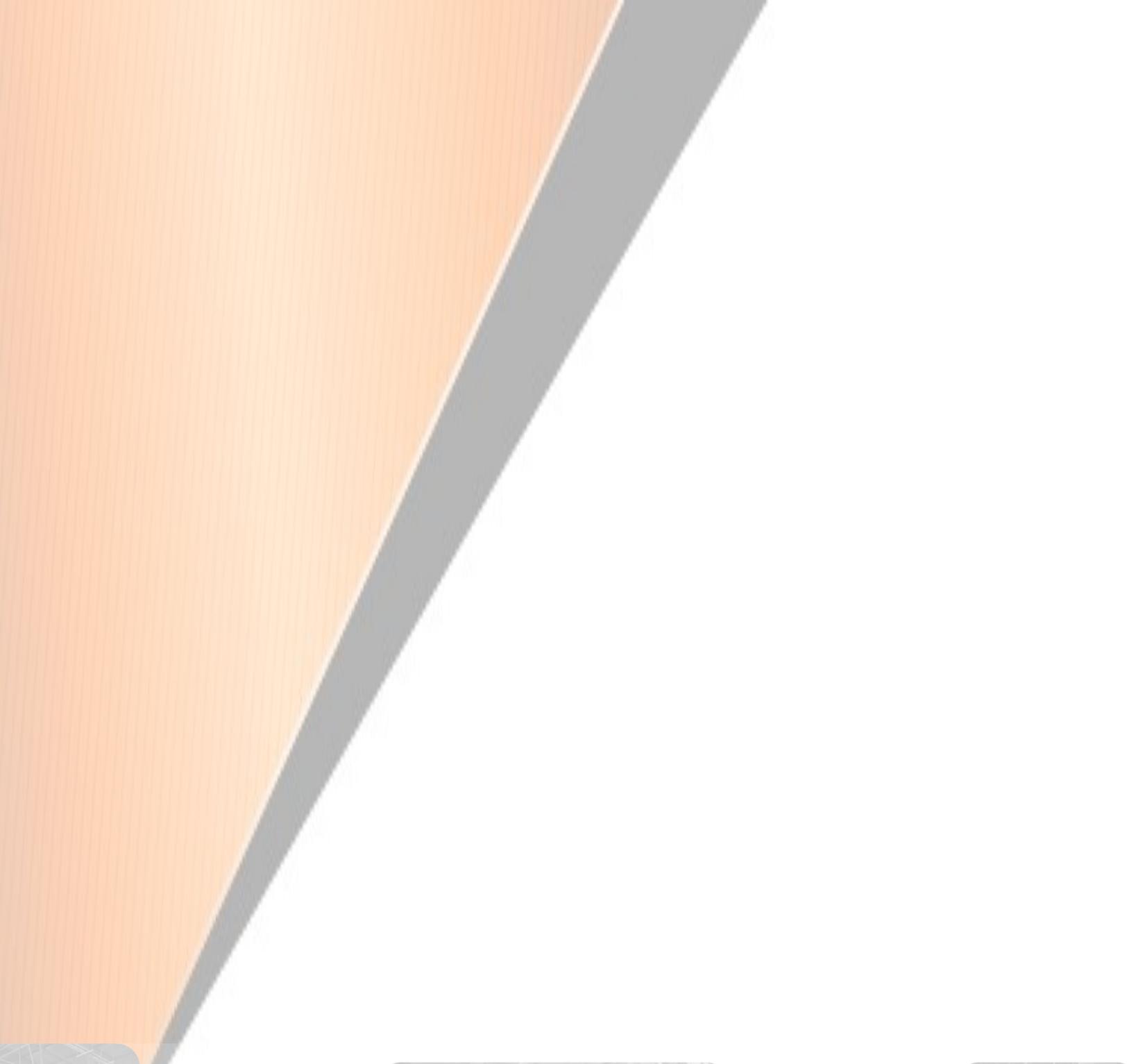
(Above) Dust Collection Receptacle



(Above) Basket Mill—100 HP



(Above) 150 HP—HSD (VFD)



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Customer Specific Applications



Production Equipment and Capabilities

At A.P. Nonweiler, we can manufacture to our clients' formulas, develop custom formulas when required, and deliver consistent quality products. Each day we produce a wide variety of unique customer-specific products, spanning hundreds of diverse applications.



(Above) Custom Manufacturing Array To Produce > 4,000-Gallons Per Day



(Above) 2,500-Gallon Mixer (2) Auxiliary Intermediate Tanks. Example of A.P. Nonweiler's "House" Millwright's Construction/Configuration/Installation Of Production Capacity To Customer Specifications



(Above) 11,000-Gallon Bulk Storage Tanks Used For Miscellaneous Water-Based Applications



(Above) - (2) 3,500-Gallon Tanks Being Installed For Customer Specific Need

Custom-Cut Nitro Solutions

Custom-cut nitro solutions present many challenges. A.P. Nonweiler is known for our ability to safely store and custom cut nitro on behalf of our clients. We have the staff, the facilities, and the know-how that allow us to safely add nitro to the solutions required by our customers. When a customer outsources this difficult, hazardous process, they reduce their regulatory risks, obtain affordable custom-cut nitro solutions, and can dedicate that time to more profitable, less dangerous tasks. Batch sizes range from 1/2 gallon - 7,000 gallons.



(Above) Deluge Sprinkler system in Nitro Shed



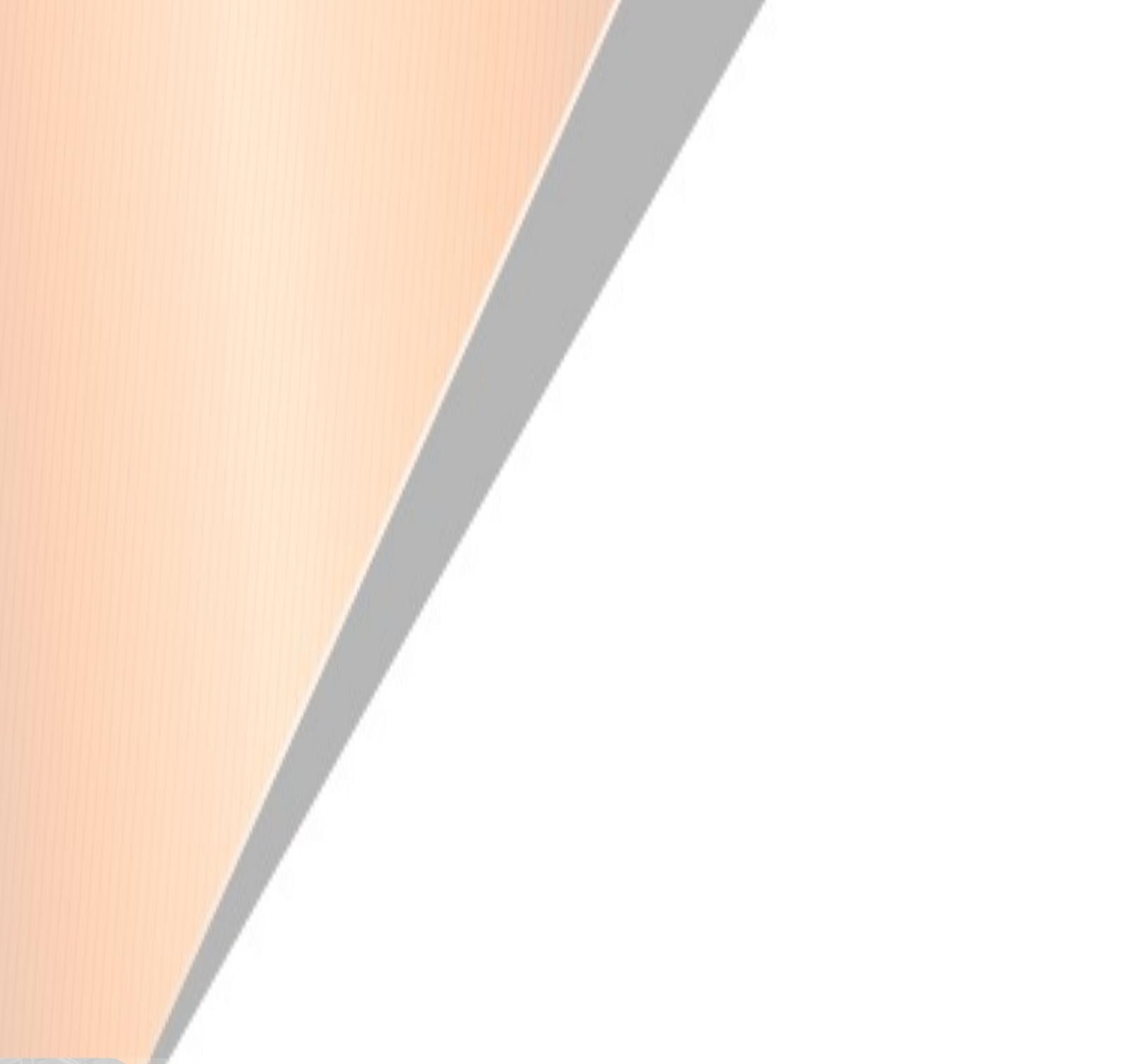
(Above) Dedicated "Nitro Shed" Nitrocellulose Storage Building



(Above) "Penta Deck" Mixers Used In Our Custom-Cut Nitro Solutions



(Above) Generally 600,000 Pounds Of Inventory Over Multiple Grades And Multiple Manufacturers



A. P. NONWEILER CO.

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An Emphasis on Safety



Examples of Safety Standards

When it comes to safety, we ensure that our facilities meet or exceed all safety requirements. We are an ISO 9001:2015 Registered Company. Our production facilities are strategically segmented to allow for continuous production, should one production segment become temporarily inoperable. The safety of our staff, customer products, and our production equipment are of the highest importance to us.



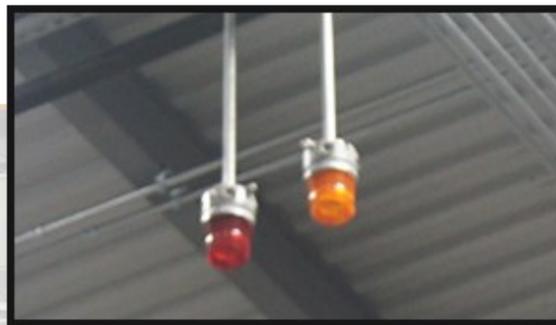
(2) Sprinkler System For Our Main Building



(Above) In-house Nitrogen Generator Plumbed To Every Manufacturing Vessel



(Above) PID Detectors On Every Wall Of Every Manufacturing Area



(Above) Strobes For PID Detector Yellow 15% LEL, Red 25% LEL [Automatically Shuts Down Equipment.]



(Above) Example Of A Containment Barrier. Each Manufacturing Area Has Its Own Containment

Examples of Safety Standards

Our nitro building is a prime example of the extent to which we emphasize safe production practices. We safely store more nitrocellulose on-site than any other facility in North America. With our thorough staff training, detailed production procedures and advanced safety measures, we have established ourselves as an industry leader when it comes to safely meeting unique customer needs.



(Above) Dedicated Nitro Building. Generally 600,000 Lbs. Inventory Over Multiples Grades And Multiple Manufacturers



(Above) Nitro Building Interior



(Above) Deluge Sprinkler System In Nitro Building



(Above) UV/IR Detectors In Nitro Shed

“THE COMPANY’S WORK ETHIC IS STRONG AND EVERY MEMBER OF THE TEAM TAKES PRIDE IN PROVIDING NOT ONLY THE FINEST COATING SOLUTIONS BUT ALSO THE BEST CUSTOMER SERVICE IN THE INDUSTRY.”

- MARK NONWEILER



Where We Are Headed

As we move forward, we are committed to the continued development of quality products and the introduction of new ideas and technologies into our industry. Our production facilities and our manufacturing capabilities continue to grow, in order to meet the ever-increasing demand of customer-specific manufacturing and high-quality toll manufacturing. When a client has a unique need or challenge, we want to be the first one on the scene to develop solutions and provide opportunities for mutually beneficial relationships.

Over the coming months and years, we will implement new systems, including back-office technologies that will provide insights that few other manufacturers in our industry have. We will continue to build out our facilities as needed. We will do everything we can in order to exceed expectations and live up to our reputation. By leveraging new insights and technologies, and expanding our facilities, our customers will experience a new level of service that builds upon our existing solid foundation.

Lastly, supporting our community, helping others in need, and standing by our values will always be an obvious part of our company's DNA. We're excited for what is to come, and we hope that you will join us on this adventure.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Nonweiler', is written over a light gray rectangular background.

Mark Nonweiler
A.P. Nonweiler Company, Inc.

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