



CASE STUDY

A Prefabricated Support System for Conduit and Process Piping Helps a Contractor Solve the Challenge of Hygienic Protection for an FDA-Regulated Facility

**“This project broadened our horizons,” says Chris Perkins of McMillan Electric.
“We were able to give the customer what they needed.”**

THE CHALLENGE

The professional electrical contractors at San Francisco-based McMillan Electric are highly experienced in pre-construction planning and design for diverse electrical construction with over 60 years of experience.

Recently, McMillan Electric faced the challenge of providing a hygienic system for an FDA-regulated customer in which an electrical infrastructure needed to be installed within a full washdown sanitary environment.

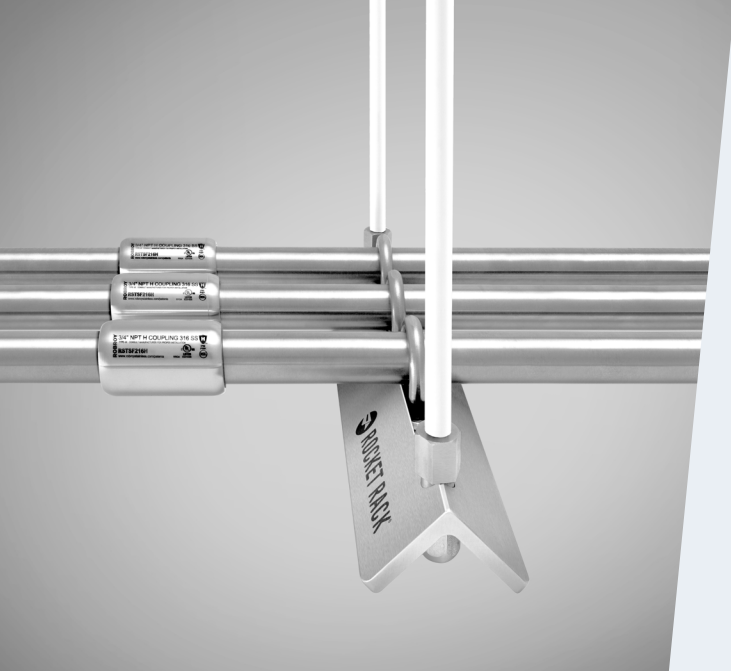
Understanding and meeting the code requirements for such a system caused McMillan Electric to reach out for guidance in selecting and installing products that would meet the demanding job requirements.

THE SOLUTION

The CRB Group, a facility design, engineering, and construction firm with a specialty in biotech, pharma, and food and beverage, was working with McMillan Electric on this project.

CRB recommended Rocket Rack®. Manufactured in the U.S.A. by Robroy Raceways®, Rocket Rack® is a factory fabricated, pre-engineered sanitary support system for conduit and process piping. Engineered for hygiene and strength and manufactured for durability, Rocket Rack® meets the most demanding heavy load requirements for any project where sanitary installation is required.

The versatile Rocket Rack® system is available in 304 stainless steel or 6061-T6 aluminum angle or flat stock in a wide range of widths and lengths. It can be either wall-mounted, trapeze-hung or used in conjunction with post mounts.



“ Rocket Rack® came through when lead times mattered. Everything was quick, easy, and fast. ”

THE POSITIVE RESULTS OF USING ROCKET RACK®

Chris Perkins, Project Manager at McMillan Electric, reports the results of using Rocket Rack® as follows:

“It was an amazing experience working with the Rocket Rack® team. We used almost every Rocket Rack® product that is offered. It was our first time on a job in an FDA-regulated environment and we were able to meet all the requirements for cleanability and hygiene. This project broadened our horizons and everything worked out great.”

Chris continues, commenting on the process of installing Rocket Rack®:

“The people representing Rocket Rack® were extremely instrumental in our success with this installation. They were excellent. I would send them handmade drawings with questions like: “Hey guys, this is where our power needs to be in this kind of room.” They would quickly give me room-by-room take-offs of the material which greatly aided us in the field to know exactly what goes where and why. They really helped us out, and as a result, we were able to give the customer what they needed in terms of supporting conduit far enough off walls for cleaning crews to effectively sanitize behind the installed system.”

When asked if McMillan Electric would recommend Rocket Rack® to others, Chris responded:

“Absolutely yes, for two reasons: product quality and customer service. Someone was always available to help. They were instrumental in providing solutions to any issue or roadblock. Everyone was extremely patient. There probably were times when I called 10-20 times a day. That level of customer service really goes above and beyond and is very hard to find these days.”

“As far as product -- the installation was in a 50,000 square-foot facility and we used Rocket Rack® in between a third and a half of that square footage. When I got into a pinch for pieces and parts, material was readily available and delivered to me when I needed it. Rocket Rack® came through when lead times mattered. Everything was quick, easy, and fast.”



Rocket Rack® is available in Tented, Standard, and Flat configurations.

FASTER. CLEANER. SAFER.™



WHAT BENEFITS CAN ROCKET RACK® PROVIDE FOR YOU?

Rocket Rack® is faster, cleaner, and safer. It is designed and fabricated at the factory to provide proven sanitary safety with a flexible system that improves installation while cutting labor time and costs. The many user benefits of Rocket Rack® include:

- Rocket Rack® products have been tested and certified under the Food Safety & Quality Product/System Category to NSF/ANSI/3-A 14159-1 -- assurance that Rocket Rack® is in compliance with standards evaluated by one of the world's most respected independent certification organizations
- Rocket Rack® users gain the important value of significant reduction in contamination: the number onerisk in FDA-regulated facilities. Rocket Rack® also minimizes areas of infrastructure corrosion. The resulting benefits include reductions in the risks of costly recalls, facility violations, and brand degradation. The use of Rocket Rack® lowers the total cost of ownership.
- Rocket Rack®, providing a patented profile with no flat surfaces, complies with hygienic design principles and meets standards set forth by the 2016 Food Safety Modernization Act. Our adaptable factory-fabricated solution limits the risk of foreign material or construction contaminant in even the most demanding applications.
- The patented slot design of Rocket Rack® enables fine adjustments and assures perfectly-straight conduit or pipe runs anywhere along the slot.
- Rocket Rack® is sustainable and infinitely reusable. Because pipe and conduit can be placed anywhere along the patented slot, when re-tooling or reconfiguring a plant layout, lines can quickly and easily be added, and existing racks can be disassembled and re-installed again and again.
- The encasement of Rocket Rod™ (an FDA-compliant rod used to hang trapeze-style mounts) is tight and snug, making it clean and smooth, with no exposed threads -- perfect for food and beverage-grade installations.

For Additional Information:

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<https://rocket-rack.com>

McMillan Electric
<https://mcmillanco.com/contact>

The CRB Group
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