



July 4, 2024

Manufacturer’s Certification Patriot’s Rigid Metal Conduit – Aluminum

This certification applies to the following products that have been manufactured in the United States, at Patriot Aluminum Products, LLC located in Louisa VA, Chester VA, and Pasadena TX:

- Rigid Aluminum Conduit, Nipples, Elbows, and Couplings

It is hereby certified that the above referenced product:

1. Meets the provisions of the Build America, Buy America Act
2. Meets the provisions of the American Iron and Steel (AIS) requirements as mandated in EPA’s State Revolving Fund Programs. Project Specific Certifications are available upon request.
3. Meets the provisions of the Buy American Act
4. Meets the provisions of the American Recovery and Reinvestment Act (ARRA)
5. Meets or exceeds the UL 6A Standard For Electrical Rigid Metal Conduit – Aluminum, Bronze, and Stainless Steel requirements and are listed with the Underwriters Laboratories, File # E337297
6. Meets or exceeds the American National Standard Institute (ANSI) C80.5 Standard
7. Meets or exceeds Federal Specification WW-C-540c
8. Meets or exceeds ASTM Specification B221
9. Meets or exceeds CSA Standard C22.2 No. 45.2
10. Meets or exceeds NSF/ANSI Specification 169
11. Is constructed of 6000 Series Aluminum which are generally considered to be “Marine Grade”, “Aerospace Grade”, and “Automotive Grade” alloys. The Tubes are constructed from Aluminum Alloy 6063-T4, and the Couplings are constructed from Aluminum Alloy 6061-T6.
12. Has been constructed from Aluminum which is Melted and Extruded in the USA.

Aluminum

Under penalty of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct, and complete.

All the best,

Tom Click
President & CEO
Patriot Aluminum Products, LLC



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Specification Notes

Patriot's Rigid Metal Conduit - Aluminum

Architects desiring to specify Rigid Metal Conduit - Aluminum from Patriot Aluminum Products should include the following description:

Electrical conductors shall be enclosed in Patriot Aluminum Products' Rigid Metal Conduit - Aluminum in accordance with the National Electrical Code (NEC). Rigid Metal Conduit - Aluminum shall be 6063 Aluminum, manufactured and produced to the following specifications:

- ANSI – American National Standard for Electrical Rigid Aluminum Conduit (ERAC) ANSI, C80.5
- NSF/ANSI Standard 169
- UL Standard for Electrical Rigid Metal Conduit– Aluminum, UL 6A, File # E337297
- National Electric Code, 2008 Article 344
- 2008 NEC Section 250.118(2) recognizes Rigid Metal Conduit as an equipment grounding conductor
- Federal Specification WW-C-540C
- All Trade Sizes (1/2" – 6") shall be manufactured and produced in the United States of America, including:
 - The Shells
 - The Couplings
 - The Thread Protecting Caps
 - The UL Labels
- All Trade Sizes (1/2" – 6") shall be processed using a Threading Lubricant which is:
 - Manufactured from Renewable Raw Materials, and contains no phenolics, nitrites, glycol ethers, DEA, formaldehyde, chlorine or silicone

Please email or call Tom Click with any technical questions.

All the best,

Tom Click
President & CEO
Patriot Aluminum Products, LLC



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