

NIHON PARKERIZING HIROSHIMA WORKS Co., Ltd.



President	Mr. Fuminobu Nakayama
Established	1940
Capital	90,000,000 JPY
Employees	250
Address	390-6 Matsukawa-cho, Kamikawado, Gotsu-city, Shimane Prefecture, 699-2837, JAPAN
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Quality Management Certifications

- NADCAP CP: (Chemical Processing)
- ISO 9001
- JISQ 9100
- ISO 14001



Office / Plant

Hiroshima head office and Gotsu plant

Core Technologies and Capabilities

- Surface Treatment: Anodizing, Chromate, Painting and Solid Lubrication.

Materials

- Aluminum

Major Customers

【Aerospace sector】 Surface treatment of aircraft component part supplied to customers.

Strengths and Competitive Advantage

METAL FINISHING CAPABILITIES AND STRENGTHS



Large Clean Room



Process Line



Techno Center



Laboratory

Main Equipment (in-house made facilities)



Process Line

1. Integrated Surface Treatment System

- A large-scale PAA line, equipped with primer paint booth system
- Equipped with a clean room and paint booth, which are both in compliance with official processing standards.
 - Equipped with two drying ovens that conform with AMS 2750 requirements.
 - Obtained certification for Prime Contractor special processes.

2. Advanced large-scale anodizing process line enhanced with our specialized know-how

- Fully enclosed process line which drastically reduces contamination
- Reaction baths are equipped with automatic opening and closing lids, which further reduces the potential of contamination to the anodizing process, as well as ensuring better protection for the working environment.
- Safety walkways are installed to each individual reaction bath, facilitating easy access for visual inspection at each processing step.
- Automated Anodizing Line: process and line flow is computer-controlled.
- Process capability for parts up to 2,500 x 2,500 x 600 mm in size.

3. In-house Research and Testing Laboratory

- Our in-house research and testing laboratory (Techno Center) is equipped with a full line of advanced analytical equipment, allowing us to develop new metal finishing technologies, as well as provide us with real-time analysis of any non-conformity.
- With our in-house research and testing laboratory, we have the capability to carry out the following tests:
 - Salt Spray • Paint Adhesion • Abrasion Resistance (Taber Wear)
 - Coating Thickness • Coating Weight • Surface Roughness
 - Solution Analysis

4. Masking Technology

- Through our large-scale automated masking equipment (environment adjustable), we have the capacity to perform very workable and efficient masking.
- Our masking technicians are able to carry out complex and high precision masking.
- Large-scale drying chambers.

Processing Line	Tank Size
Sulfuric Acid Anodizing Line	L3,000 x W800 x H3,000
	L3,000 x W400 x H3,000
	L1,300 x W400 x H1,000
Phosphoric Acid Anodizing Line	L3,000 x W800 x H3,000
	L3,000 x W800 x H3,000
Chromate Line	L3,000 x W800 x H2,000