AQUA BOND INC.
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CERTIFICATE OF ANALYSIS (C of A)

Product Name: Wood's Nickel Strike Solution
Product Code: _____
Batch / Lot Number: _____
Manufacture Date: _____
Expiry / Retest Date: _____
Packaging Size: 205 L Drum / 1040 L Tote (circle one)
Customer: _____
Purchase Order: _____
Date of Shipment: _____

PRODUCT SPECIFICATION RESULTS

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1. Appearance
   Specification: Clear, water-white to pale yellow solution
Result: _____

2. Nickel Metal Content (as Ni)
   Specification: 60 – 90 g/L (typical range unless otherwise specified)
   Result: _____

3. Hydrochloric Acid (HCl)
   Specification: 240 – 300 g/L (high-chloride activation system)
   Result: _____

4. Specific Gravity @ 20°C
   Specification: 1.16 – 1.22
   Result: _____

5. pH
   Specification: < 1.0 (strongly acidic)
   Result: _____

6. Chloride Concentration
   Specification: High-chloride formulation suitable for activation of:
   - High-strength steels (300M, 4340, 17-4PH, Maraging, HSLA)
   - Stainless steels ≥10.5% Cr
   - Copper alloys, brass, bronze, Kovar
   Result: _____

7. Filtration / Clarity
   Specification: Free of particulates; suitable for aerospace plating lines
   Result: _____

COMPLIANCE STATEMENT

This batch of Wood's Nickel Strike Solution has been manufactured, tested, and verified to meet the requirements of:

- AMS / QQ-N-290 (Nickel Plating – Electrodeposited)
- Aerospace OEM specifications for nickel strike activation, including: Airbus, Boeing, Bombardier, Collins, Heroux-Devtek, Honeywell, Liebherr, Lockheed, Pratt & Whitney, Safran (as applicable)

The product is suitable for use on:

- Landing gear steels (300M, 4340, 17-4PH, etc.)
- Actuator rods, pins, trunnions
- Components receiving cadmium, chromium, sulfamate nickel, or gold
- High-reliability microelectronics and hermetic sealing applications

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QUALITY RELEASE

Quality Control Technician: _____
Signature: _____
Date: _____

Quality Manager Approval: _____
Signature: _____
Date: _____

End of Certificate of Analysis