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Susan Mahlum

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Objective: To obtain a challenging and growing opportunity with an established company. I am a dedicated and innovative professional with significant extensive experience in set-up of classified satellite testing and maintaining test sets. Enthusiastic team leader able to establish positive work environments and respond effectively to co-workers.

Function Summary: Perform all assigned tasks based on demonstrated, certified skills and abilities necessary to produce and test ground electrical and electronic assemblies, cables, harnesses, printed circuit boards, etc.



Lockheed Martin 122275 S. HWY 121, Littleton, CO 80201

July 1991 - August 2008 (17 years) • Supervisor: John Midgely • 303-977-3000

Certifications: **National Security Position:**
EBI Classified from 2001-2008 (7 years)
Certified by Lockheed Martin in Soldering, Crimping RF Cables 1991-2008 (17 years)

- Principal Duties:**
1. Works from process plan, blueprints, sketches, schematics, wiring diagrams, and verbal information from supervisor and engineer. Develops methods of assembly for EAGE (Electric Advancement Ground Equipment) units and system and/or develops wire runs within these electronic equipment on prototype, modified, experimental, and production items. Determines the most feasible routing and grouping of wires; wire lengths, whether harness boards should be constructed for certain assemblies and installations; correct location of electronic components to eliminate inter-action and physical interference between units; and sequence and procedures to be followed to ensure most rapid economical, and feasible assembly, hook-up, and installation. Makes design change suggestions to supervisor or engineer; and points out discrepancies discovered in specifications to supervisor for corrective action. Ensures that required engineering changes are recorded and that they are incorporated in that product.
 2. Fabricate and assemble ground assemblies, sub-assemblies, cables, harnesses, printed circuit boards and similar electronic components which require wire preparation, crimping, soldering, connector assembly, component preparation, printed circuit board assembly, mechanical assembly, wire routing and termination, and similar functions.
 3. Perform workmanship/test inspections and verification. May be required to perform repair and rework of components and assemblies as required to ensure optimal operation. Perform simple continuity test (e.g. go/no go circuit tests) to complex inline tests such as assembly power up, faction, power supplies, and wiring systems tests.

General Duties: Develops the method of fabrication, assembly and installation of complete electrical harness assemblies on inline production testing. Develops and compile documentation of fabrication and assembly process and test data. Move equipment, material for set-up of classified satellite testing and maintaining test sets.

Thank you for your time in reviewing my resume and I look forward to hearing from you to schedul an interview.

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