

Heroux-Devtek Gas Turbine Components Division

McSwain Manufacturing / ABA Industries

Supplier Survey

REFERENCE SPECIFICATION

- A) Mil-I-45208A
- B) MIL-STD-45662A
- C) ISO9001:2000
- D) AS9100A

Q.C. Manual

Received: YES ___ NO ___

1) _____
Company

Total Employees _____

Total QC Personnel _____

Total QA Personnel _____

Total MFG. Personnel _____

Total Eng. Personnel _____

Address

Phone # & Fax

City State Zip

2) _____
President or CEO

Purchasing Manager

QA Manager

Production Control Manager

QC Manager

Finance Manager

Manufacturing Manager

3) Production Manufacturing or Services Provided

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4) Audit Section

- | | YES | NO |
|--|-------|-------|
| 1. Do you have a quality assurance manual that is in compliance with MIL-I-45208A and/or MIL-STD-45662A and is the program implemented in your own facility? | _____ | _____ |
| 2. Do you have a quality assurance manual that is in compliance with ISO9000 and is the program implemented in your own facility? | _____ | _____ |
| 3. To whom does your QA / QC Manager report to? | | |

Name

Title

- | | | |
|--|-------|-------|
| 4. Is the QA Manual's distribution controlled? | _____ | _____ |
| 5. Is the manufacturing or service processing sequence controlled by the use of routers? | _____ | _____ |
| 6. Are specification requirements listed on your routers?
If the answer is no, explain how this information is incorporated into the system. | _____ | _____ |
| 7. Are purchase orders for materials and sub-contracting services reviewed and approved by the QA department prior to issuance to verify that all quality requirements are referenced? | _____ | _____ |
| 8. Do you have an approved vendor list? | _____ | _____ |
| 9. Are customer purchase orders reviewed in detail before processing? | _____ | _____ |
| 10. Do you have a metrology calibration system that is in compliance with MIL-STD-45662A or ISO10012? | _____ | _____ |
| 11. Are personally owned measuring and test (M&TE) equipment such as micrometers and calipers incorporated into the system? | _____ | _____ |
| 12. Is each item of M&TE calibrated traceable to NIST (National Institute of Standards and Technology)? | _____ | _____ |

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13. Do you perform calibration at your facility? YES NO
____ ____

If the answer to question 13 is (Yes), are calibrations performed in an environmentally controlled area? Variables such as temperature and humidity must be controlled. ____ ____

14. Do you have procedures describing your metrology program in detail? ____ ____

15. Do you perform special processes such as:

- | | |
|--|---|
| <input type="checkbox"/> Welding | <input type="checkbox"/> Thermal Coating |
| <input type="checkbox"/> Brazing | <input type="checkbox"/> Anodizing |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> EDM |
| <input type="checkbox"/> Plating | <input type="checkbox"/> Protective Coating
(black oxide, phosphating) |

_____ Others

If the answer to any of the above is yes, explain how the operator and process is qualified. Please attach to this form.

16. Do you perform regularly scheduled internal audits? ____ ____
17. Do you have CNC or DNC machining equipment? ____ ____
18. Do you have CMM inspection equipment? ____ ____
19. If the answer to (16) or (17) is yes, do you have a software control program? ____ ____
20. Do you perform receiving, in-process and final inspection? ____ ____
21. Are documented inspection records made? ____ ____
22. Do you make non-conforming reports when material or parts are found to be discrepant? ____ ____
23. Are formal corrective actions requests made? ____ ____
24. Are they documented and followed up to verify that corrective action has been completed? ____ ____

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COMMENTS

Completed By:

Signature

Date

Title

Approved by Company Official:

Signature

Date

Title

Approved by McSwain Company Official:

Signature

Date

Title