

AMTECH SYSTEMS INC

Form NT 10-K

December 30, 2004

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SEC File
Number
0-11412

FORM 12b-25

NOTIFICATION OF LATE FILING

(Check One): Form 10-K Form 20-F Form 11-K
 Form 10-Q Form N-SAR Form N-CSR

For Period Ended: September 30,
2004

Transition Report on Form 10-K
 Transition Report on Form 20-F
 Transition Report on Form 11-K
 Transition Report on Form 10-Q
 Transition Report on
Form N-SAR

For the Transition Period Ended: _____

Read Instruction Sheet Before Preparing Form. Please Print or Type.

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

N/A

PART I REGISTRANT INFORMATION

Amtech Systems, Inc.

Full Name of Registrant

N/A

Former Name if Applicable

131 S. Clark Drive

Address of Principal Executive Office (Street and Number)

Tempe, AZ 85281

City, State and Zip Code

PART II RULES 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate).

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
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