

Magnetic Particle Inspection Application Data Sheet

The following information is necessary for us to provide a meaningful system / part match and quotation. Please answer each question as accurately as possible to insure a prompt response. Supplement this data sheet with additional comments, drawings and/or photos necessary to complete the application description.

Date: _____ **Type of proposal** _____ **Due Date:** _____

Customer Information:

Company Name:

Division:

Address:

City:

State:

Zip:

Contact Engineer:

Tel:

Ext:

email:

General Part Specifications:

Part Name:

Part Description:

Basic Part Dimensions and Weight:

Part Alloy:

Part Condition before inspection:

Manufacturing Process:

Heat Treatment:

Samples:

Drawings:

Photographs:

Are critical inspection areas identified:

Are your "Plant's Machine Build Specifications" to be used for equipment construction:

If so, are they provided:

Electrical Requirements:

Plant ampacity available to power the machine:

Testing:

Maximum desired part opening between head and tail stock:

Coil Size Desired:

Type of equipment desired:

Present production rate required per hour/per machine:

Future rate per hour/per machine:

Number of shifts currently using machine:

Future:

Preferred maximum number of persons required for machine operation, per shift/per machine:

What testing standards are going to be used:

Bath requirements:

Type of testing:

What type of demagnetizing is required:

What is the residual field strength limited to in Gauss:

What brand and model gaussmeter is used to measure the residual field strength:

What are the known causes of defects:

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Comments: