



Ref: Self-Survey

Attn: Q.A. Manager

Over the years we have been in receipt of many requests, as well as yours, in widely varying forms and formats, requesting that we perform a self-survey of our Magnetic Field Calibration Facility.

While we appreciate your interest and concern, we feel that self-surveys are apt to be biased and we find it very difficult to personally find the necessary time to study and attempt to answer questions that are mostly not relative or pertinent to our small shop.

We welcome and have had many on-sight surveys of our magnetic calibration facilities over the years. We have been approved as being acceptable and in compliance with Military Standards by the following organizations:

Pratt & Whitney
Sundstrand
McDonnell Douglas
Sulzer Bingham Etc.

Parker Hannifin
M.Q.S. Inspection
Lucas Aerospace
Raytheon

Garrett Airsearch
Wm. Powell Co.
Menasco Aerospace
Bar Processing Corp.

You may be interested to learn that we are a supplier of Primary Magnetic field Standards, in the form of Helmholtz Coils. Our customers use these in checking and calibration of their various gauss meters and related magnetic equipment, etc. We supply these standards to both Industry and the Military. They are generally used in customers Quality Control or Calibration Laboratories.

The following Calibration labs have purchased our standard field sources:

U.S. Navy, 7 units
McDonnell Douglas, 2 units
U.S. Air Force, 1 unit

General Electric, 2 units
United Testing Labs, 2 units
Pratt & Whitney, 2 units, etc.

In addition to our supplying such magnetic field calibration standards for other laboratories, both domestic and international, we designed and built our own three standards in 1962 and 1965. One was the classic long solenoid, plus two identical Helmholtz coils, one of which, number 65-

M-10, was then checked by NBS before they quit that service as an economy measure. We make the magnetic field calibration standards that other laboratories use.

These same standard field sources are constantly used in our daily calibration work. They are crosschecked against each other and compared with every new Helmholtz Standard Coil we manufacture. All of our laboratory type D.C. ammeters, used in calibration, are maintained traceable to N.I.S.T.

We repair, calibrate, and re-certify returned instruments on a daily basis as a service to our customers. Such returned instruments will meet or exceed original manufacturers specification for identical new instruments.

Three of our largest, long time customers have run a series of rather exhaustive multiple unit tests on our own and other suppliers' instruments and found ours to be more stable and far more accurate than any of the other moving magnet type gauss meters available. We were, of course, pleased to learn of such customer approval. All repaired or recalibrated Model 25 instruments will meet or exceed our manufacturing specifications for new instruments.

If the above data along with the accompanying "Description Magnetic Field Calibration System" meets our information requirements, we will be happy to continue serving you as in the past. If it does not, we are truly sorry, and regret that you may have to find an alternate source for this calibration work. We are not ISO 9000 certified, because historically, our own standards are high enough without need to refer to outside criteria.

We practiced quality control long before ISO 9000 came about.

Sincerely,

R.B. ANNIS CO., INC.

Sylvia Scott

SS:bm

encl

P.S. We believe that we are the only primary source of inexpensive, moving magnet type gauss meters that are certified to read correctly in a standard, uniform magnetic field. See accompanying 1995 list of our Certified Pocket Magnetometer Customers. Uncertified instruments are even more widely used.

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