

Memorandum M-1490

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Digital Computer Laboratory
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SUBJECT: PROCEDURE FOR RECEIVING MAGNETIC CORES

To: Group 63

From: David R. Brown

Date: May 16, 1952

Abstract: Two procedures are outlined. The first is for the receipt of one or a small number of cores submitted for evaluation. The second is for the case of a lot of cores where the particular body has previously been evaluated.

EVALUATION

1. Enter information in receiving record, magnetic-materials looseleaf notebook.
2. Tag each core. If more than one core with the same composition and processing is received, serial number the cores with color coding paints.
3. Label a container for core No. 1. This is to be used for the hysteresis test. Place the other cores in a separate, labeled container.
4. Make the hysteresis test on core No. 1, filling out form DL-439 as completely as possible. Be sure to measure the core before it is wound. Keep the tag on the core.
5. If the core looks promising and is suitable for pulse tests, make the pulse test. Use core No. 2, unless only one core has been received. For coincident-current memory application, use forms DL-435 and DL-446.
6. Place all data and curves in the magnetic-materials looseleaf notebook.
7. Place the cores, in containers, in the magnetic-materials storage cabinet.

ACCEPTANCE

1. Enter information in receiving record, magnetic-materials looseleaf notebook.
2. Label a container and place the lot in it. Select samples from the lot, tag and serial number them.

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3. Pulse test the samples. For coincident-current memory application, use forms DL-435 and DL-446.

4. Accept or reject the lot.

Signed

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DRB/fes