



LTO Destruction and Re-Certification Processes

The tapes are received into our secure facility and scanned.

24-hour Receipt Confirmation supplied Volser listing is given.

The Cartridges are inspected
for any physical damage.

Pass

Cartridges evaluated
via CMR

Pass

All labels are removed from the Cartridges
and the entire surface of the Cartridges are cleaned.

Recertification Process

Media Write Test

Process consists of a write pass over the entire length of the media (using large data blocks filled with a random bit pattern) followed by a security erase pass. This process assures that all of the data has been erased and cannot be removed. Soft and hard error information are collected for each piece of media and stored in the data base. A good or a bad tape will be indicated (PASS/FAIL) using new tape error performance criteria.

Media Read Test

A non-destructive read test gathers error statistics from the tape quality data. For each tape, soft read errors are logged by the certification program. Tapes are sorted using binary decision criteria based on an error performance standards. One critical error will fail a tape immediately. Every tape must meet or exceed new tape performance criteria.

Tapes are re-formatted and will act as new / blank tapes to the user.

Tapes that pass are shrink-wrapped and repackaged.
A certificate of Data Eradication is given.

Fail
Cartridges are incinerated in a
waste-to-energy process;
Certificate of Destruction issued.