



TRIPLEX
Sales Company

FOOD-PLANT FIELD SERVICE

Magnetic Separator Verification & Documentation

On-site gauss measurements and review-ready records for magnetic traps and separators.

ON-SITE INSPECTION

CALIBRATED GAUSS METER

PER-UNIT RECORDS



You already have the magnet in the process. The harder question is whether you can **show what was checked, how it was measured, and what the result means.**

WHAT THE VISIT INCLUDES

01

Asset identification

Confirm the magnetic separators included in the service visit.

02

Visual inspection

Document accessible condition and observed exceptions before measurement.

03

Gauss measurements

Record magnetic flux-density readings at defined test locations.

04

Findings & records

Summary of findings and per-unit conformance records when criteria are defined and met.

WHY PLANTS VERIFY

- ✓ Establish a documented baseline
- ✓ Compare consistent readings over time
- ✓ Flag damage or abnormal change
- ✓ Support QA, maintenance, and audit records
- ✓ Reduce assumptions about an installed control

STEP 1

Define assets & criteria

STEP 2

Inspect & measure

STEP 3

Review exceptions

STEP 4

Issue records

Regulatory context: 21 CFR 117.80 requires adequate measures to protect food from metal or other extraneous material. Method and frequency should follow the facility's hazard analysis and written procedures. A reading alone does not certify compliance or product safety.

Gauss is not pull force.

Gauss testing measures flux density at a point. Pull-force testing measures separation force under a defined setup. Do not substitute one result for the other without a validated basis.

Put better evidence behind your magnet program.

Ask Triplex about scheduling and service availability.

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