



# GENUINE FOODS & EQUIPMENTS

(ISO 9001:2015 Company)

## MAGNETIC CALIBRATION SERVICES

GENUINE FOODS & EQUIPMENTS offers affordable & efficient calibration services for a wide range of magnetic assemblies. We offer magnet pull tests, metal detector validations, and application inspections, and equipment compatibility. We calibrate the magnetic System by measuring Gauss Power of the Magnets as per ISO, FSSAI, BRC Audit standard. This is achieved by our NAPL / NPL calibrated Gauss Meters. Our technicians will provide a full report of their findings and provide a detailed Test certificate.



## Why Calibration?

Genuine Equipments are designed to draw out fine ferrous contaminants along critical points of the production line and eliminate foreign objects and metals. These separators and metal detectors come in different styles and in various magnetic strengths, depending upon the application. However, periodically, they should be tested to verify their strength and accuracy to ensure compliance with current industrial safety standards. Since all magnetic assemblies are one kind of equipment which are separating ferrous particles from the Parent materials & it has various types as well. High, Medium & Low Intensities hence these systems are needed to calibrate every year to ensure the standard and capacity of the magnets. We will evaluate its effectiveness and offer recommendations that could improve its separation and detection performance. We provide recommendations and advice regarding FSSAI, ISO, BRC & HACCP International Food Safety Standards.

## Types of Calibration

- ✦ ON - Site Calibration - we ask our customers to send the Magnetic System to our testing centre, for checking the flux density.
- ✦ OFF - Site Calibration - our qualified engineer visits the customer's plant where he performs checking of flux density of magnetic systems.

## Benefits of magnet calibration

- ✦ Reduce metal contamination risks
- ✦ Improve product purity and food safety
- ✦ Protect brand reputation and image
- ✦ Prevent damage to equipment
- ✦ Avoid downtime and expensive repair costs

Genuine Technicians will audit any magnetic systems installed accordingly.

Pull tests and validations are an essential quality control tool used to monitor magnet strength and detection accuracy to ensure optimum performance.

## LAB AND TESTING CENTRE

We offer a 400 sq ft lab facility for the following analyses:

- Heavy Metal Testing
- Particle Sieve Analysis
- Detects Foreign Materials, Including Minor Hair Follicles, Plastic Threads, Eggshells, Worm Nests, And Other Unwanted Substances.

## FEW OF OUR CALIBRATION CUSTOMERS



### Our Other Products



PIN MILL



ELECTROMAGNETIC FEEDER



VIBRO MOTOR



PNEUMATIC VIBRATOR



BIN ACTIVATOR



VIBRATING DESTONNER



CIRCULAR SCREEN



RECTANGULAR SCREEN

# GENUINE FOODS AND EQUIPMENTS

### REGD. OFFICE:

PLOT NO 38 TO 42, B4 SENTHIL NAGAR, VIJAY NAGAR EXT, VARADHARAJAPURAM, CHENNAI - 600 048.

### FACTORY & TESTING CENTER:

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