



Fortress Metal Detectors



**METAL DETECTION - THE BASICS
GOOD PRACTICE GUIDELINES**

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METAL DETECTION - THE BASIC PRINCIPLES

Good Practice - Typical Guidelines

1) Prevention

- Training for maintenance and cleaning staff in metal detector basics
- Planned & controlled maintenance - possibly non production hours
- Regular inspection - for identification of potential contaminants
- Good housekeeping

2) Sensitivity

- Identify "standards"
- Re-evaluate standards when conditions change
- Maintain records
- Maximize sensitivity without compromising performance
- Implement security levels - passwords

3) Testing

- Document & communicate - who & why
- Establish frequency
- Create test packs where relevant

4) Rejected Product Handling

- Isolate & re-screen potentially contaminated product on test failure
- Investigate source of contaminant - trained personnel, off line & within reasonable time
- On repeat detection's identify source of contaminant
- On multiple detection's stop production

5) Record Keeping

- Commissioning & sensitivity details
 - Test results
 - Shift results - number of rejects
 - Maintenance schedules
 - Training
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