

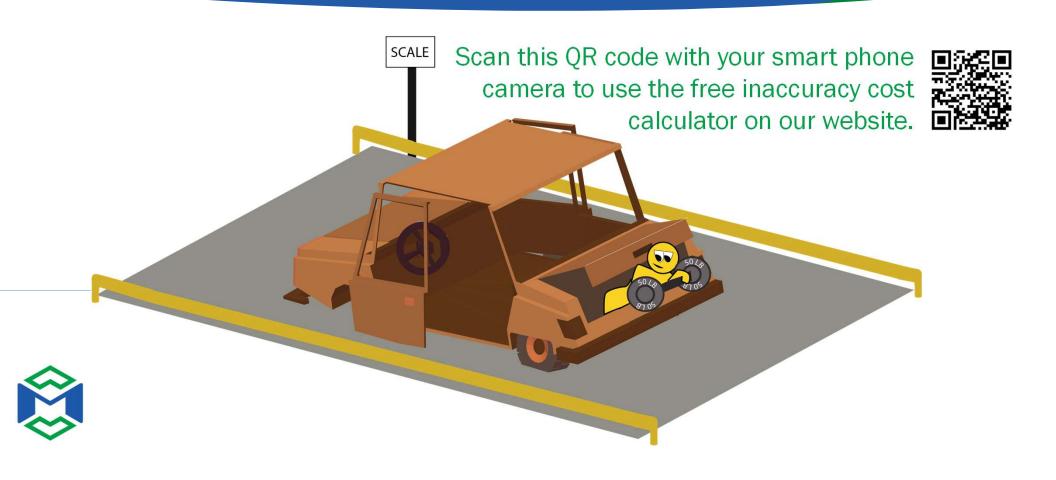
The real cost of inaccuracy in waste & recycling

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The real cost of inaccuracy in waste & recycling



Calculator

Imagine the rate for this landfill is \$40.80 per ton, or \$0.02 per lb.

Material cost per lb: \$0.02

Scale error in lbs: 40 lbs

Loads per day crossing scale: 100 loads

Days per week scale is in operation: 5 days p/week

Weekly Loss: \$400.00

Monthly Loss: \$1,600.00

Annual Loss: \$20,800.00



Calculator

Imagine the rate for copper is \$4.63 per lb.

Material cost per lb: \$4.63

Scale error in lbs: 5 lbs

Loads per day crossing scale: 7 loads

Days per week scale is in operation: 5 days p/week

Weekly Loss: **\$810.25**

Monthly Loss: \$3,241.00

Annual Loss: \$42,133.00



Issue: Improper Maintenance Causes Scale Errors

Problem:

Improper Maintenance





Solution:

Proper Preventative Maintenance

- Establish preventative maintenance schedule
- Track asset status to plan for equipment replacement
- Utilize a quality service provider
 - Ensure they use a standard inspection method
 - Ask about steps to take to prevent inaccuracy



Standard Inspection Method

Task List

Repeatable operation

Specifications

Based on Handbook 44

Test Standards

Standard NIST Traceable Weights









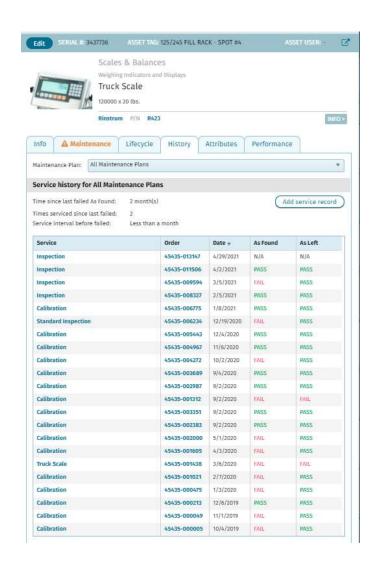
Keep TRAC of Equipment Status

Identify Faulty Equipment

Replace scales that fail repeatedly

 Monitor Maintenance Schedule

Increase or decrease scale service as you notice inaccuracies







Issue: Rushing the Weighment Causes Inaccuracy

Problem:

Inefficiency



Solution:

Unmanned Kiosk

- Ensure accuracy while maximizing efficiency
- Minimize risk to drivers & employees
- Reduce labor costs



Unmanned Kiosk Weighing System

Photo Eyes

Ensure only 1 truck is on scale at a time

Traffic Light

Tells drivers to pull forward or stop

Scoreboard

Displays weight

Unmanned Kiosk

Prints ticket & records data





Issue: Data Recorded Innacurately Can Be Costly

Problem:

Data Entry Errors



Solution:

Automated Data Collection

- Reduce paperwork
- Minimize labor required for data entry
- Eliminate possibility of human error
- Ensure accurate weights are recorded



Automatic Data Collection

Reduce Paperwork

Decrease supply expense & chance of ticket loss or damage

Remove Risk of Human Error

No data entry issues such as typos or skipped tickets

Minimize Labor Required

Transaction is digitally recorded as it happens

01:48:29 pm 01/05/2012 Inbound 69880 LB





01:51:12 pm 01/05/2012 Inbound 68140 LB





01:53:12 pm 01/05/2012 Inbound 84280 LB







Speak with one of our experts for more solutions



- Visit our table to pick up a truck scale checklist
- Scan the QR code with your smart phone to access the inaccuracy cost calculator on our website

