

# TRUCK SCALE APPLICATION QUESTIONNAIRE

## Customer Background Information

1. What industry? \_\_\_\_\_
  - *i.e. grain elevator, waste facility, aggregate operation, chemical, food plant, etc*
  
2. What are the items/products/commodities being weighed?
  - *Is anything being weighed considered hazardous, caustic, dangerous to handle?*
  
3. Any unusual environmental factors? \_\_\_\_\_
  
4. Does customer have other truck scales? Yes \_\_\_\_\_ No \_\_\_\_\_
  - *If yes, make and model?* \_\_\_\_\_
  
5. New job site or replacement project at existing site? New \_\_\_\_\_ Replacement \_\_\_\_\_
  - *If replacement, make and model of scale being replaced?* \_\_\_\_\_
  
6. How are vehicles loaded/unloaded? \_\_\_\_\_
  
7. Seasonal or year-round use?
  - *If seasonal, please describe:* \_\_\_\_\_
  
8. Average number of vehicles per day / per week / per year? \_\_\_\_\_
  
9. Describe the types of vehicles and dual-tandem axle (DTA) loads that will be on the scale
  - 18-wheel tractor-trailers
    - *Typical DTA load?* \_\_\_\_\_
    - *Maximum DTA load and frequency?* \_\_\_\_\_
  
  - Straight trucks
    - *Axle configuration (single, double, triple?* \_\_\_\_\_
    - *Typical DTA load?* \_\_\_\_\_
    - *Heaviest anticipated DTA load and frequency?* \_\_\_\_\_
  
  - Yard-only, off-road vehicles
    - *Front loaders, large forklifts, etc?* \_\_\_\_\_
    - *Axle configuration and typical DTA load?* \_\_\_\_\_
    - *Maximum GVW and heaviest anticipated DTA load and frequency?* \_\_\_\_\_

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10. Are vehicles weighed in one direction only, or bi-directionally, both inbound and outbound?  
\_\_\_\_\_

11. Is the scale required to have NTEP approval and be certified as legal-for-trade?  
Yes \_\_\_\_ No \_\_\_\_

12. How long does the customer expect the scale to last? \_\_\_\_\_

## Site Evaluation and Foundation Considerations

***If this is a replacement project and the existing foundation is to be used with or without modification, please take careful measurements and submit a completed copy of the Existing Foundation Template that can be found on the Avery Weigh-Tronix web site or requested from Avery Weigh-Tronix.***

1. Will scale be located outdoors or indoors? \_\_\_\_\_

2. If soil freezes during winter, what is the typical frost line? \_\_\_\_\_

3. Has the soil been tested for bearing capacity? Yes \_\_\_\_ No \_\_\_\_  
▪ *If yes, what is it?* \_\_\_\_\_

4. What type of foundation is required?  
▪ Slab \_\_\_\_ Shallow pier \_\_\_\_ Deep Pier \_\_\_\_ Shallow Pit \_\_\_\_  
Deep Pit \_\_\_\_ 3-Wall Pit \_\_\_\_ Custom \_\_\_\_

5. Are there special curbing requirements on the approaches? \_\_\_\_\_

6. Can excavated material be disposed of on premises? \_\_\_\_\_

7. Are there any special drainage considerations so water does not pool near foundation?  
\_\_\_\_\_

8. Are there any overhead concerns such as power lines? \_\_\_\_\_

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9. Is there evidence of rock or other underground obstructions such as water, electrical, or sewer utilities? \_\_\_\_\_
  
10. Will there be any nearby traffic that runs parallel alongside the scale?  
\_\_\_\_\_
  
11. Is there ample space for vehicles to approach and exit the scale without sharp turning?  
\_\_\_\_\_
  
12. Is there a turnaround area for vehicles? \_\_\_\_\_
  
13. Is there room for a line-up of vehicles during busy times? \_\_\_\_\_
  
14. How will vehicles speeds be limited as they approach and exit the scale? \_\_\_\_\_
  
15. Will guide posts be utilized at the scale entrance and/or exit? \_\_\_\_\_
  
16. Are mounting posts needed for remote displays, stoplights, printers, control kiosks, etc?  
\_\_\_\_\_
  
17. How much time is being allowed for foundation construction? \_\_\_\_\_
  
18. Are rodents a problem around the scale location? \_\_\_\_\_

## Weighbridge Details

1. Steel or concrete deck? \_\_\_\_\_
  
2. Total platform length? \_\_\_\_\_
  
3. Total platform width? \_\_\_\_\_

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4. Elevation profile (as measured from top of pier to top of approach)? \_\_\_\_\_
5. Required amount of under clearance? \_\_\_\_\_
6. Single scale for total weight only or multiple-platform scale that also provides axle weights? \_\_\_\_\_
7. Are guide rails required?
  - 8" high single-rail or 24" high double-rail? \_\_\_\_\_
  - Full length down both sides? Yes \_\_\_\_\_ No \_\_\_\_\_
    - If no, please sketch out with dimensions where guide rails are needed and where they are not
8. Are manholes required in scale decks?
  - If so, how many? \_\_\_\_\_
9. Are manholes required to be in a specific location to line up with a drain or sump pit?
  - If special location is required, please sketch out with dimensions
10. Are there any special paint or finish requirements? \_\_\_\_\_
11. Any special provisions needed to allow trailers to be lowered without damaging scale?  
\_\_\_\_\_
12. Is there a requirement for drive strips or extra thick top plate for highly abrasive applications? \_\_\_\_\_

## Instrumentation and Accessories

1. Will the scale be attended or unattended? \_\_\_\_\_
2. Where will the instrument be located and how far is it from the weighbridge?  
\_\_\_\_\_
3. Will the instrument be connected to a computer? \_\_\_\_\_
  - Are there any special software requirements? \_\_\_\_\_
  - Are there any special reports that are required? \_\_\_\_\_

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4. Is Gross/Tare/Net (GTN) weighing and printing required? \_\_\_\_\_
  - If yes, how many storage locations for Gross or Tare weights? \_\_\_\_\_
5. Does ID entry need to be numeric or alphanumeric? \_\_\_\_\_
6. Are there any special print formats required? \_\_\_\_\_
  - *How should time and date be printed?* \_\_\_\_\_
7. Will a ticket or tape printer be required? \_\_\_\_\_
8. What other special system requirements are there? \_\_\_\_\_
  - *Traffic lights and controls?*
  - *Remote displays?*
  - *Intercom?*
  - *RFID reader?*

## Installation Requirements

1. When does the scale need to arrive? \_\_\_\_\_
2. Will a crane or suitable lifting mechanism be available to offload and set the modules?  
\_\_\_\_\_
3. Can the installation be performed during normal business hours? \_\_\_\_\_
4. How much time has been allocated for installation, calibration, and start-up?  
\_\_\_\_\_
5. Are there any requirements for special testing or instructional training?  
\_\_\_\_\_
6. If a pour on site concrete scale, are the concrete requirements properly understood?  
\_\_\_\_\_
7. Are the grounding requirements properly understood? \_\_\_\_\_