



**SCALE SYSTEM TO BE USED OFFICIALLY** (Fill out additional sheets for each scale system differing in design or use; answer questions 6-13 only if this is for the initial test)

<p><i>6. Type Scale</i></p> <p><input type="checkbox"/> Railway Track    <input type="checkbox"/> Vehicle Platform</p> <p><input type="checkbox"/> Automatic Bulk Weighing System</p>	<p><i>7. Load-Receiving Element</i></p> <p><input type="checkbox"/> Platform    <input type="checkbox"/> Hopper</p>
---	---

<p><i>8. Load-Sensing</i></p> <p><input type="checkbox"/> Full-electronic (2 or more load cells)</p> <p><input type="checkbox"/> Lever-tronic (1 load cell)    <input type="checkbox"/> Mechanical</p>	<p><i>9. Type of Movement (may check more than one)</i></p> <p><input type="checkbox"/> Inbound    <input type="checkbox"/> Outbound</p> <p><input type="checkbox"/> Export</p>
--	---

<i>10. WEIGHING ELEMENT MANUFACTURER (Scale):</i>	<i>MODEL:</i>
<i>11. CERTIFICATE OF CONFORMANCE NUMBER:</i>	

<i>12. DIGITAL WEIGHT INDICATOR MANUFACTURER:</i>	<i>MODEL:</i>
<i>CERTIFICATE OF CONFORMANCE NUMBER:</i>	

<i>13. LOAD CELL MANUFACTURER:</i>	<i>MODEL:</i>
<i>CERTIFICATE OF CONFORMANCE NUMBER:</i>	

*COMMENTS:*

**FORM FGIS-1001,  
“APPLICATION FOR APPROVAL TO OPERATE AS A WEIGHING FACILITY”**

The U.S. Grain Standards Act and regulations require facilities to submit information showing that the weighing facility and the elevator personnel operating weighing equipment at that facility meet the conditions necessary to have official weighing. Facilities are required to provide this information when service is first established, and when operating personnel change (or at least annually if personnel change). Operators fill out the Form FGIS-1001, “Application For Approval To Operate As A Weighing Facility”, to document that their weighing facility complies with these conditions.

Questions 1-5 pertain to facility’s location, operation, and ownership and lists weighers who the operator has trained adequately and will see that they use scales as directed by official personnel. Questions 6-14 have to do with the scales’ use, design, and component specifications. Assistance may be required of the person(s) or company who installs or maintains the scale to answer some of these questions.

**INSTRUCTIONS ON COMPLETING THE FORM:**

- (1) Name of the facility, mailing and street address for the facility’s physical location.
- (2) Owner's name and address.
- (3) Name of person to contact in case additional clarification needed about the information submitted.
- (4) Names of persons employed at the facility that operate the facility's scales as weighers. By listing employees here, the facility is stating that these individuals can demonstrate a technical ability to operate grain weighing equipment and have a reputation for honesty and integrity. If the facility's personnel fluctuates because personnel are hired from employment pools, such as longshore personnel, the individuals who directly supervise these individuals (facility) or "key" longshore personnel can be listed. These blanks do not require the signature of the individual.
- (5) Operator's signature with date (usually the plant superintendent or manager). The person who controls or is accountable for the weighers’ employment, training, or oversight.
- (6) Type scale -- check the box adjacent signifying whether the scale is a railway track, vehicle platform, or automatic bulk weighing system.
- (7) Load-receiving element -- check “Platform” if the vehicle or railway track car carriers are placed on the weighing element; check “hopper” if the weighing element is a tank or hopper for an automatic bulk weighing system or hopper scale.
- (8) Load-Sensing -- check full-electronic if an electronic scale with 2 or more load cells which directly support the load-receiving element; check lever-tronic if a mechanical scale that has a load cell inserted into a lever system; check mechanical if a scale which operates purely on a lever system or has any other non-electrical balance system.

- (9) Inbound or outbound movements -- grain unloaded or loaded respectively into or out of carriers; outbound is also defined as grain leaving the facility where the grain is weighed; export means grain exported or moved outside the boundaries of the United States. More than one box may be checked.
- (10) Weighing Element Manufacturer -- list the company name and model, including certificate number manufacturing the scale part (the weighing element or the load-receiving element is the portion of a scale that supports and transmits to the indicating element the signal or force resulting from the load applied, also know as a hopper or platform).
- (11) Certificate of Conformance (cc) -- provide the device's certificate number. A "cc" is a document issued by the National Conference on Weights and Measures (NCWM) based on testing by a Participating Laboratory; said document constitutes evidence of conformance of a type with the requirements of National Institute of Standards and Technology Handbooks 44, 105-1, following State, and GIPSA weighing regulations. See NCWM certificate and or "certificate database" at <http://www.ncwm.net> for that number or if it came with documentation when equipment was purchased or was provided by the scale installer. The **weighing element, digital weight indicator, and load cells** each have separate certificate numbers.
- (12) Digital Weight Indicator Manufacturer -- list the company name, model, and certificate number that manufactured the weight display or indicating element mechanism. The digital weight indicator is a system of indication or recording of the selector type or one that advances intermittently in which all values are presented digitally, or in numbers. In a digital indicating or recording element, or in digital representation, there are no graduations. NCWM lists these device types as "Indicating Elements" in its certificate databases.
- (13) Load Cell Manufacturer -- a load cell, also known as "force transducer" is a device, whether electric, hydraulic, or pneumatic, that produces a signal proportional to the load applied. List the company name, model, and certificate number that has manufactured the scale's load cells.

#### **CONTACT INFORMATION:**

Contact the field office responsible for the geographic area in which the service will be provided. Details for these locations can be found at:

<http://www.gipsa.usda.gov/GIPSA/webapp?area=home&subject=fc&topic=fsp>

The signed form should also be mailed to this location.

For further information on the "Application For Approval To Operate As A Weighing Facility".

Joseph D. Han  
Policies, Procedures and Market Analysis Branch  
Field Management Division  
10383 N. Ambassador Drive  
Kansas City, MO 64153  
Telephone 816-659-8407  
[joseph.d.han@usda.gov](mailto:joseph.d.han@usda.gov)