

U.S. Department of Agriculture AGRICULTURAL MARKETING SERVICE FEDERAL GRAIN INSPECTION SERVICE QUESTIONNAIRE FOR PROPOSED DIVERTER-TYPE MECHANICAL SAMPLER		FORM APPROVED OMB NO. 0581-0309 According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0309. The time required to complete this information collection is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.	
Facility Name, City, State			
Field Office			
Kind of Elevator		Capacity	
Authorization - Select All that Apply			
Diverter	Non-diverter	Probe	All Grains
In	Out	Cargo	Barges
			Small Grains
			Hopper Cars
			Coarse Grains - Not Corn
			Carlots
			Trucks
D/T Make and Model		S/N	Spout
			Belt
			Spout / Belt Size
General Location		Spout / Belt Name	Spout / Belt Angle
			Belt Speed
Power:		Body Dimensions	Pelican Stroke
Air Electric			Pelican Opening L x W
Grain Drop Before Sampler (ft)		Grain Drop After Sampler (ft)	Access Safe
			Yes No
Verified No Auxilliary Controls		Location of Lockout OK?	Lights OK for Exams?
Yes No		Yes No	Yes No
Is Pelican Movement Steady?		Does Pressure Return Promptly?	Air Pressure at Rest PSI
Yes No		Yes No	
Timer Make and Model		Grain Flow Rate Past Sampler	Calculated Timer Setting
			seconds
Secondary Make and Model		S/N	Delivery System
			Gravity Pneumatic
Total No. of Samples		Quantity Adjustment Sealed?	Delivery & Collection Box Secure?
		Yes No	Yes No
			Excess Returned to Lot?
			Yes No
Dust Control Locations			
Weights:			
GIPSA Class X	GIPSA Class Y	Certified	Other
Number of Shipping Bins:		Depth (ft)	Graded
			Before or After Release
Procedures to Stop Breakage:			
Carrier I.D. by:			
Radio	Visual	Other	
Remarks/special restrictions when used to sample officially:			
Signature of Official Personnel:			Date:
FORM FGIS-998 (01/24) Previous editions are obsolete. Expires 03-25			

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Facility Name, City, State <div style="text-align: right;">1</div>					
Field Office <div style="text-align: right;">2</div>					
Kind of Elevator <div style="text-align: right;">3</div>		Capacity <div style="text-align: right;">4</div>			
Authorization - Select All that Apply					
Diverter In		Non-diverter Out			
Probe Cargo		All Grains Barges			
		Small Grains Hopper Cars			
		Coarse Grains - Not Corn Carlots			
		Trucks			
D/T Make and Model <div style="text-align: right;">6</div>		S/N <div style="text-align: right;">7</div>			
Spout <div style="text-align: right;">8</div>		Belt <div style="text-align: right;">9</div>			
Spout / Belt Size <div style="text-align: right;">10</div>		Spout / Belt Name <div style="text-align: right;">11</div>			
Spout / Belt Angle <div style="text-align: right;">12</div>		Belt Speed <div style="text-align: right;">13</div>			
Power: Air 14 Electric		Body Dimensions <div style="text-align: right;">15</div>			
Pelican Stroke <div style="text-align: right;">16</div>		Pelican Opening L x W <div style="text-align: right;">17</div>			
Grain Drop Before Sampler (ft) <div style="text-align: right;">18</div>		Grain Drop After Sampler (ft) <div style="text-align: right;">19</div>			
Access Safe Yes No		Inspection Door OK? Yes No			
Verified No Auxilliary Controls <div style="text-align: right;">22</div> Yes No		Location of Lockout OK? <div style="text-align: right;">23</div> Yes No			
Lights OK for Exams? <div style="text-align: right;">24</div> Yes No					
Is Pelican Movement Steady? <div style="text-align: right;">25</div> Yes No				Does Pressure Return Promptly? <div style="text-align: right;">26</div> Yes No	
Air Pressure at Rest PSI <div style="text-align: right;">27</div>					
Timer Make and Model <div style="text-align: right;">28</div>		Grain Flow Rate Past Sampler <div style="text-align: right;">29</div>			
Calculated Timer Setting <div style="text-align: right;">30</div> seconds					
Secondary Make and Model <div style="text-align: right;">31</div>		S/N <div style="text-align: right;">32</div>			
Delivery System Gravity Pneumatic		Grams per Sample <div style="text-align: right;">34</div>			
Total No. of Samples <div style="text-align: right;">35</div>		Quantity Adjustment Sealed? Yes No			
Delivery & Collection Box Secure? Yes No		Excess Returned to Lot? Yes No			
Dust Control Locations <div style="text-align: right;">39</div>					
Weights: GIPSA Class X GIPSA Class Y Certified Other <div style="text-align: right;">40</div>					
Number of Shipping Bins: <div style="text-align: right;">41</div>		Depth (ft) <div style="text-align: right;">42</div>			
Graded Before or After Release		Procedures to Stop Breakage: <div style="text-align: right;">44</div>			
Carrier I.D. by: <div style="text-align: right;">45</div>					
Radio		Visual			
		Other			
Remarks/special restrictions when used to sample officially: <div style="text-align: right;">46</div>					
Signature of Official Personnel: <div style="text-align: right;">47</div>			Date: <div style="text-align: right;">48</div>		
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Instructions for Completing Questopmmaire

1. Facility name, city, and state.
2. Name of FGIS field office.
3. Check the box indicating kind of elevator.
4. Storage capacity of elevator.
5. Authorization Code-circle the numbers that apply to the intended sampler use.
6. Sampler Make & Model; e.g., Gamet 6800S.
7. Sampler Serial Number.
8. Is the sampler in a spout or on a belt end? For spout samplers-diameter or length x width cross sectional measurements or;
9. Belt Size-width and depth of grain carried.
10. General location of sampler; e.g., Headhouse 6th Floor; or Gallery.
11. Spout/belt name; e.g., Scale #1 lower garner.
12. Spout angle-90_ is vertical. Belt Angle-0_ is horizontal. Show normal angle and max/min limits of travel, if angle can be varied.
13. Belt speed-measure with belt loaded.
14. Check the box showing type of power.
15. Body dimensions for the sampler.
16. Pelican stroke is the distance traveled from one side to the other.
17. Length and width of the pelican opening.
18. Distance in feet from release point.
19. Distance grain falls is used to estimate impact and breakage. For example, measure from sampler to bin bottom.
20. Is access to the sampler by approved ladder or stairs, and does the platform have an approved railing?
21. Are the inspection doors properly located on the sampler? Do they have appropriate seal hasps and hinges?
22. Check verified after you determine that the system controls have no bypasses, dump counters, timer interrupts, or programmable controllers.
23. Location of lockout ok-does the lockout provided meet FGIS requirements?
24. Light for examinations-can all exterior examination checks be made with lighting supplied?
25. For pneumatic/hydraulic samplers-is pressure sufficient to move the pelican across the stream of grain evenly, without lagging or slowing down.
26. For pneumatic/hydraulic samplers-pressure returns to maximum before next cut is initiated.
27. For pneumatic samplers-gauge pressure at rest. Maximum reached when no cuts are initiated.
28. Timer Make & Model; e.g., Eagle HP5 Model 9.
29. Flow past sampler should be figured out by timing a known amount, such as one scale draft, as it passes the sampler.
30. Calculate the timer setting in seconds based on grain flow rate past sampler. Also show whether this is based on a 200, 350, or 500 bushel sampling rate.
31. Secondary Sampler (divider) Make & Model; e.g., InterSystems MD300.
32. Secondary Sampler Serial Number.
33. Check box indicating type of sample delivery system.
34. Weight in grams received for the official sample.
35. Total number of samples needed for all interested parties.
36. Are the quantity adjustment features on secondary sampler fixed or sealed in place?
37. Is the sample delivery system secure from the air inlet to the collection box?
38. Is excess grain automatically returned from the secondary to the lot from which the sample was taken?
39. Location of dust collection ducts-are they located where they can affect the sample constituents? The measurements will serve as a record of approved duct work.
40. Weights-are weights official; i.e., supervised under the USGSA as Class X or Y-are weights Certified; i.e., supervised unofficially by a local organization-or are weights unofficial and not supervised, or not provided?
41. Shipping bins-number used.
42. Shipping bin depth(s).
43. Grading-will bin be held for grade or factor results before being released?
44. Procedures to stop breakage-will the bins require use of cushion level indicators, grain ladders, or baffles to reduce impact of grain and resulting breakage?
45. Carrier identification or stowage locations.
46. Special restrictions-any special procedural restrictions; e.g., weighback belt must be sealed, turnhead must be locked in position, cushion must be maintained in shipping bin, etc.
47. Name or signature of the official personnel who filled out the questionnaire.
48. Date information obtained.