

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 In	Non-diverter Out	Probe Cargo	All Grains 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: Air Electric	Body Dimensions		Pelican Stroke
		Pelican Opening L x W	
Grain Drop Before Sampler (ft)	Grain Drop After Sampler (ft)	Access Safe	
		Yes	No
Inspection Door OK?		Yes	No
Verified No Auxilliary Controls Yes No	Location of Lockout OK? Yes No		Lights OK for Exams? Yes No
Is Pelican Movement Steady? Yes No	Does Pressure Return Promptly? Yes No		Air Pressure at Rest PSI
Timer Make and Model	Grain Flow Rate Past Sampler		Calculated Timer Setting seconds
Secondary Make and Model	S/N	Delivery System Gravity Pneumatic	
Grams per Sample			
Total No. of Samples	Quantity Adjustment Sealed? Yes No		Delivery & Collection Box Secure? 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 (01/21) Previous editions are obsolete. Expires XX-XX			

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Facility Name, City, State 1					
Field Office 2					
Kind of Elevator 3		Capacity 4			
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 6		S/N 7			
Spout Belt 8		Spout / Belt Size 9			
General Location 10		Spout / Belt Name 11			
Spout / Belt Angle 12		Belt Speed 13			
Power: Air 14 Electric		Body Dimensions 15			
Pelican Stroke 16		Pelican Opening L x W 17			
Grain Drop Before Sampler (ft) 18		Grain Drop After Sampler (ft) 19			
Access Safe Yes No 20		Inspection Door OK? Yes No 21			
Verified No Auxilliary Controls 22 Yes No		Location of Lockout OK? 23 Yes No			
Lights OK for Exams? 24 Yes No					
Is Pelican Movement Steady? 25 Yes No				Does Pressure Return Promptly? 26 Yes No	
Air Pressure at Rest PSI 27					
Timer Make and Model 28		Grain Flow Rate Past Sampler 29			
Calculated Timer Setting seconds 30					
Secondary Make and Model 31		S/N 32			
Delivery System Gravity Pneumatic 33		Grams per Sample 34			
Total No. of Samples 35		Quantity Adjustment Sealed? Yes No 36			
Delivery & Collection Box Secure? Yes No 37		Excess Returned to Lot? Yes No 38			
Dust Control Locations 39					
Weights: GIPSA Class X GIPSA Class Y Certified Other 40					
Number of Shipping Bins: 41		Depth (ft) 42			
Graded Before or After Release 43		Procedures to Stop Breakage: 44			
Carrier I.D. by: 45					
Radio Visual Other					
Remarks/special restrictions when used to sample officially: 46					
Signature of Official Personnel: 47			Date: 48		
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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.