

<b>U.S. Department of Agriculture</b> <b>Grain Inspection, Packers and Stockyards Administration</b> <b>QUESTIONNAIRE FOR PROPOSED DIVERTER-TYPE MECHANICAL SAMPLER</b>		<b>OMB APPROVED NO. 0580-0013</b>	
<b>Facility Name, City, State</b>		<small>According to the Paperwork Reduction Act of 1995, no persons are 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 0580-0013. 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.</small>	
<b>Field Office</b>			
<b>Kind of Elevator</b> <input type="checkbox"/> Country <input type="checkbox"/> Terminal <input type="checkbox"/> Export			
<b>Capacity</b>			
<b>Authorization Code - Circle Appropriate Numbers</b>			
D Diverter    N Non-diverter    P Probe    0 All Grains    1 Small Grains    2 Coarse Grains - Not Corn 3 In    4 Out    5 Cargo    6 Barges    7 Hopper Cars    8 Carlots    9 Trucks			
<b>D/T Make and Model</b>	<b>S/N</b>	<input type="checkbox"/> Spout <input type="checkbox"/> Belt	<b>Spout / Belt Size</b>
<b>General Location</b>	<b>Spout / Belt Name</b>	<b>Spout / Belt Angle</b>	<b>Belt Speed</b>
<b>Power:</b> <input type="checkbox"/> Air <input type="checkbox"/> Electric	<b>Body Dimensions</b>	<b>Pelican Stroke</b>	<b>Pelican Opening L x W</b>
<b>Grain Drop Before Sampler</b> <b>(ft)</b>	<b>Grain Drop After Sampler</b> <b>(ft)</b>	<b>Access Safe</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Inspection Door OK?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Verified No Auxilliary Controls</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Location of Lockout OK?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Lights OK for Exams?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Is Pelican Movement Steady?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Does Pressure Return Promptly?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Air Pressure at Rest PSI</b>	
<b>Timer Make and Model</b>	<b>Grain Flow Rate Past Sampler</b>	<b>Calculated Timer Setting</b> <b>(s)</b>	
<b>Secondary Make and Model</b>	<b>S/N</b>	<b>Delivery System</b> <input type="checkbox"/> Gravity <input type="checkbox"/> Pneumatic	<b>Grams per Sample</b>
<b>Total No. of Samples</b>	<b>Quantity Adjustment Sealed?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Delivery and Collection Box Secure?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Excess Returned to Lot?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Dust Control Locations</b>			
<b>Weights:</b> <input type="checkbox"/> GIPSA Class X <input type="checkbox"/> GIPSA Class Y <input type="checkbox"/> Certified <input type="checkbox"/> Other _____			
<b>Number of Shipping Bins:</b>	<b>Depth</b> <b>(ft)</b>	<b>Graded</b> <input type="checkbox"/> Before or <input type="checkbox"/> After Release?	<b>Procedures to Stop Breakage:</b>
<b>Carrier I.D. by:</b> <input type="checkbox"/> Radio <input type="checkbox"/> Visual <input type="checkbox"/> Other _____			
<b>Remarks/special restrictions when used to sample officially:</b>			
<b>Signature of Official Personnel:</b>			<b>Date:</b>

U.S. Department of Agriculture Grain Inspection, Packers and Stockyards Administration QUESTIONNAIRE FOR PROPOSED DIVERTER-TYPE MECHANICAL SAMPLER		OMB APPROVED	
Facility Name, City, State		1	
Field Office		2	
Kind of Elevator <input type="checkbox"/> Country <input type="checkbox"/> Terminal <input type="checkbox"/> Export		3	
		Capacity	
		4	
Authorization Code - Circle Appropriate Numbers			
D Diverter    N Non-diverter    P Probe    0 All Grains    1 Small Grains    2 Coarse Grain 3 In    4 Out    5 Cargo    6 Barges    7 Hopper Cars    8 Carlots    9 Truck			
D/T Make and Model	S/I/I	S/	
6	7	<input type="checkbox"/> Spout 8 <input type="checkbox"/> Belt	
General Location	Spout / Belt Name	Spout / Belt Angle	
10	11	12	
Power: <input type="checkbox"/> Air <input type="checkbox"/> Electric	Body Dimensions	Pelican Stroke	
14	15	16	
Grain Drop Before Sampler	Grain Drop After Sampler	Access Safe	
18 (ft)	19 (ft)	<input type="checkbox"/> Yes 20 <input type="checkbox"/> No	
Verified No Auxiliary Controls <input type="checkbox"/> Yes 22 <input type="checkbox"/> No	Location of Lockout OK? <input type="checkbox"/> Yes 23 <input type="checkbox"/> No	Lights OK for Exams? <input type="checkbox"/> Yes 24 <input type="checkbox"/> No	
Is Pelican Movement Steady? <input type="checkbox"/> Yes 25 <input type="checkbox"/> No	Does Pressure Return Promptly? <input type="checkbox"/> Yes 26 <input type="checkbox"/> No	Air Pressure at Rest PSI	
27			
Timer Make and Model	Grain Flow Rate Past Sampler	Calculated Timer Setting	
28	29	30 (s)	
Secondary Make and Model	S/I/I	Delivery System	
31	32	<input type="checkbox"/> Gravity 33 <input type="checkbox"/> Pneumatic	
Total No. of Samples	Quantity Adjustment Sealed?	Delivery and Collection Box Secured	
35	<input type="checkbox"/> Yes 36 <input type="checkbox"/> No	<input type="checkbox"/> Yes 37 <input type="checkbox"/> No	
Dust Control Locations			
39			
Weights:			
<input type="checkbox"/> GIPSA Class X    40 <input type="checkbox"/> GIPSA Class Y <input type="checkbox"/> Certified <input type="checkbox"/>			
Number of Shipping Bins:	Depth	Graded	
41	42 (ft)	<input type="checkbox"/> Before or 43 <input type="checkbox"/> After Release?	
Carrier I.D. by:	<input type="checkbox"/> Radio	<input type="checkbox"/> Visual <input type="checkbox"/>	
Remarks/special restrictions when used to sample officially:			
46			
Signature of Official Personnel:			
47			

Figure 5. FORM FGIS 998, 'QUESTIONNAIRE FOR  
DIVERTER-TYPE MECHANICAL SAMPLI

NO. 0580-0013

Information is estimated to average 1 hour per lot, depending on the size of the lot, the number of samples, and the number of tests. The information is intended to assist in the collection of a representative sample of the lot or reducing the burden to Department of the Interior, Washington, DC 20250, and to the Office of Management and Budget, Washington, DC

Is - Not Corn

5

Is

Spout / Belt Size

9

Belt Speed

13

Pelican Opening L x W

17

Inspection Door OK?

Yes

21

No

Grams per Sample

34

Excess Returned to Lot?

Yes

38

No

Other \_\_\_\_\_

Procedures to Stop Breakage:

44

Other \_\_\_\_\_

Date:

48

## DIRECTIONS FOR COMPLETING QUESTIONNAIRE

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 th
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 s
9. Belt Size-width and depth of grain carried.
10. General location of sampler; e.g., Headhouse 6th Flc
11. Spout/belt name; e.g., Scale #1 lower garner.
12. Spout angle-90\_ is vertical. Belt Angle-0\_ is horizont
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
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 b
20. Is access to the sampler by approved ladder or stairs
21. Are the inspection doors properly located on the sam
22. Check verified after you determine that the system c
23. Location of lockout ok-does the lockout provided me
24. Light for examinations-can all exterior examination cl
25. For pneumatic/hydraulic samplers-is pressure suffici
26. For pneumatic/hydraulic samplers-pressure returns t
27. For pneumatic samplers-gauge pressure at rest. Ma
28. Timer Make & Model; e.g., Eagle HP5 Model 9.
29. Flow past sampler should be figured out by timing a
30. Calculate the timer setting in seconds based on grai
31. Secondary Sampler (divider) Make & Model; e.g., Int
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 pa
36. Are the quantity adjustment features on secondary s
37. Is the sample delivery system secure from the air inl
38. Is excess grain automatically returned from the seco
39. Location of dust collection ducts-are they located wh



PROPOSED  
ER”

constituents? The measurements will serve as a record of  
40. Weights-are weights official; i.e., supervised under the  
Certified; i.e., supervised unofficially by a local organization  
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 be

44. Procedures to stop breakage-will the bins require use of  
ladders, or baffles to reduce impact of grain and resulting

45. Carrier identification or stowage locations.

46. Special restrictions-any special procedural restriction  
turnhead must be locked in position, cushion must be maintained

47. Name or signature of the official personnel who filled

48. Date information obtained.

ie intended sampler use.

samplers-diameter or length x width

or; or Gallery.

al. Show normal angle and max/min

to the other.

leakage. For example, measure from

s, and does the platform have an

sampler? Do they have appropriate seal

controls have no bypasses, dump

et FGIS requirements?

checks be made with lighting supplied?

ent to move the pelican across the

o maximum before next cut is initiated.

ximum reached when no cuts are

known amount, such as one scale draft,

1 flow rate past sampler. Also show

pling rate.

erSystems MD300.

rties.

sampler fixed or sealed in place?

et to the collection box?

ndary to the lot from which the sample

ere they can affect the sample

of approved duct work.  
re USGSA as Class X or Y-are weights  
ion-or are weights unofficial and

efore being released?  
e of cushion level indicators, grain  
g breakage?

is; e.g., weighback belt must be sealed,  
aintained in shipping bin, etc.  
out the questionnaire.