OMB NO.: 0580-0013

U.S. DEPARTMENT OF AGRICULTURE (See reverse)

GRAIN INSPECTION, PACKERS AND STOCKYARDS ADMINISTRATION

FEDERAL GRAIN INSPECTION SERVICE

SAMPLER CONDITION REPORT

NAME OF ELEVATOR, CITY, AND STATE	DATE EXAMINED	FIELD OFFICE
	NAME OF OFFICIAL AGENCY	

*INSTRUCTIONS TO EXAMINER: For a six month examination fill out the front of this form. For a complete grain test, including initial sampler test, fill out both sides of this form and send the original to the FGIS Field Office. Explain "FAIL" items in detail. If the sampler is not being used, indicate that fact under "Remarks" and prepare a report before the sampler is put into use.

PRIMARY SAMPLER		SECONDARY SAMPLERS	
BRAND/MODEL	SERIAL NO.	BRAND/MODEL	SERIAL NO.
GRAIN FLOW RATE (Past Sampler)	SAMPLING INTERVAL (Cycle Time)	BRAND/MODEL	SERIAL NO.

SAMPLER CODE: ☐ D - Diverter ☐ P - Probe ☐ 0 - All Grains ☐ 1 - Small Grains ☐ 2 - Coarse Grains-not corn ☐ 3 - IN Inspections ☐ 4 - OUT Inspections ☐ 5 - Cargolots ☐ 6 - Bargelots ☐ 7 - Hopper Carlots ☐ 8 - Carlots ☐ 9 - Trucklots

SECTION 1 -- ALL SAMPLERS

ITEMS EXAMINED	PASS	FAIL
Lighting around sampler	☐	☐
Safe access to areas	☐	☐
Safe access to inside of devices	☐	☐
Lockouts (safety switches)	☐	☐
Cleanliness of area	☐	☐
Cleanliness of device	☐	☐
Lubrication (if required)	☐	☐
Panel board indicator lights	☐	☐
Air or hydraulic pressure	☐	☐
Delivery tube secure	☐	☐
Delivery tube air inlet secure	☐	☐
Collection box secure	☐	☐
Collection box screen clean	☐	☐
Sampler not modified or repaired	☐	☐
Seals/padlocks in place	☐	☐

Inspected By: (LI or ACG) _____

Reviewed By: (ACG) _____

SECTION 2 -- D/T SAMPLERS

ITEMS EXAMINED	PASS	FAIL
Pelican speed approx. 0.5 m/s	☐	☐
Pelican dust seals (interior)	☐	☐
Pelican go-no-go gauge	☐	☐
Pelican cuts entire grain stream	☐	☐
Condition of excess sample return leg or belt	☐	☐
Timer set correctly	☐	☐

SECTION 3 -- TRUCK PROBES

ITEMS EXAMINED	PASS	FAIL
Tip not bent/damaged	☐	☐
Tip vacuum check with paper	☐	☐
Hydraulic oil level OK	☐	☐
Vacuum adjustments sealed	☐	☐
Sample size	☐	☐
Collection box seal	☐	☐
Delivery tube condition	☐	☐

Vacuum pressure if known: _____

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GRAIN INSPECTION, PACKERS AND STOCKYARDS ADMINISTRATION
FEDERAL GRAIN INSPECTION SERVICE
(See reverse)

SAMPLER CONDITION REPORT

NAME OF ELEVATOR, CITY, AND STATE 1	DATE EXAMINED 2	FIELD OFFICE 3
	NAME OF OFFICIAL AGENCY 4	

*INSTRUCTIONS TO EXAMINER: For a six month examination fill out the front of this form. For a complete grain test, including initial sampler test, fill out both sides of this form and send the original to the FGIS Field Office. Explain "FAIL" items in detail. If the sampler is not being used, indicate that fact under "Remarks" and prepare a report before the sampler is put into use.

PRIMARY SAMPLER		SECONDARY SAMPLERS	
BRAND/MODEL 5	SERIAL NO. 6	BRAND/MODEL 7	SERIAL NO. 8
GRAIN FLOW RATE (Past Sampler) 9	SAMPLING INTERVAL (Cycle Time) 10	BRAND/MODEL	SERIAL NO.

SAMPLER CODE: ☐ D - Diverter ☐ P - Probe ☐ 0 - All Grains ☐ 1 - Small Grains ☐ 2 - Coarse Grains-not corn ☐ 3 - IN Inspections
☐ 4 - OUT Inspections 11 ☐ 5 - Cargolots ☐ 6 - Bargelots ☐ 7 - Hopper Carlots ☐ 8 - Carlots ☐ 9 - Trucklots

SECTION 1 -- ALL SAMPLERS

ITEMS EXAMINED	PASS	FAIL
Lighting around sampler 12	☐	☐
Safe access to areas 13	☐	☐
Safe access to inside of devices 14	☐	☐
Lockouts (safety switches) 15	☐	☐
Cleanliness of area 16	☐	☐
Cleanliness of device 17	☐	☐
Lubrication (if required) 18	☐	☐
Panel board indicator lights 19	☐	☐
Air or hydraulic pressure 20	☐	☐
Delivery tube secure 21	☐	☐
Delivery tube air inlet secure 22	☐	☐
Collection box secure 23	☐	☐
Collection box screen clean 24	☐	☐
Sampler not modified or repaired 25	☐	☐
Seals/padlocks in place 26	☐	☐

Inspected By: (LI or AGC) 41

Reviewed By: (ACG) 42

SECTION 2 -- D/T SAMPLERS

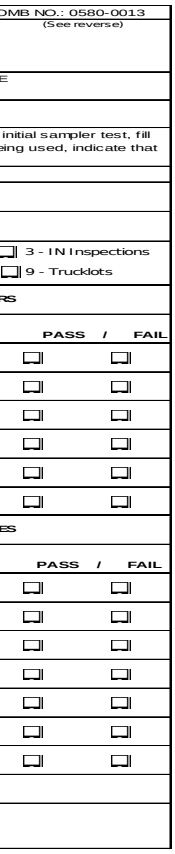
ITEMS EXAMINED	PASS	FAIL
Pelican speed approx. 0.5 m/s 27	☐	☐
Pelican dust seals (interior) 28	☐	☐
Pelican go-no-go gauge 29	☐	☐
Pelican cuts entire grain stream 30	☐	☐
Condition of excess sample return leg belt 31	☐	☐
Timer set correctly 32	☐	☐

SECTION 3 -- TRUCK PROBES

ITEMS EXAMINED	PASS	FAIL
Tip not bent/damaged 33	☐	☐
Tip vacuum check with paper 34	☐	☐
Hydraulic oil level OK 35	☐	☐
Vacuum adjustments sealed 36	☐	☐
Sample size 37	☐	☐
Collection box seal 38	☐	☐
Delivery tube condition 39	☐	☐

Vacuum pressure if known: 40

Form FGIS-936 (5-03) Previous editions are obsolete.



INSTRUCTIONS FOR COMPLETING
FORM FGIS-936, "SAMPLER CONDITION REPORT," (FRONT)

1. Name of the elevator, city, and state.
2. Date examination was done.
3. Name of FGIS field office in charge of the circuit.
4. Name of the official agency that does original inspections at the facility.
5. Brand name and type of primary (diverter-type sampler) or probe-type sampl examined and tested. Are they of a type approved by FGIS?
6. Serial number of primary diverter-type or probe-type sampler.
7. Brand name of secondary sampler.
8. Serial number of secondary sampler.
9. Calculate the maximum flow of spout or belt on which the sampler is installec
10. Sampling Interval-Read from the timer.
11. Type of carriers or lots the system will sample.

Section 1 – All Samplers

12. Lighting should be approximately 30 footcandles (general task lighting).
13. Safe access includes approved stairs, fixed ladders, platforms, and railings.
14. Safe access to the inside of the housing or hood without endangering the e
15. Lockout switches must be present and meet requirements.
16. Cleanliness of the area-overhead, floor, stairs.
17. Cleanliness/condition of primary-check for plugs, leaks, dust, sprouted grair hasps/hinges, wiring.
18. Lubrication-Grease or oil leaks.
19. Panel lights-Use radio or phone (if needed) to ensure that the power and tra properly. Have any changes been made in the wiring?
20. Air or hydraulic pressure-Is there enough? Record the gage pressure, if ava
21. Delivery tube must be secure from loss or introduction of material.
22. Delivery tube-Pneumatic systems must have a guard over the air supply inl
23. Collection box-If not continuously attended, must be secure at inlet and outl
24. Collection boxes that have a screen must be maintained in a clean conditio
25. Sampler not Modified-For this check, good installation records are essential
26. Seals-Were the security seals on inspection doors found intact? Was the de secure?

Section 2 – D/T Samplers

27. Pelican speed must be uniform with no slow spots. Speed can be estimatec
28. Pelican dust seals-Must be present, not torn, and must seal-off the pelican,
29. Pelican Go-no-go Gauge-Use it to ensure the opening is between 3/4 and 7 along its entire length.

3 The reverse of Form FGIS-936 is used for performing a test (grain test). Instru are contained in Chapter 5, Tests.

30. Pelican cuts stream-If practical, observe a cut to see that the pelican is sam stream, and that it does not back up from excess grain.
31. Condition of excess sample return-Check if it is leaking, infested, or backing
32. Timer-Does the timer setting match the documented setting (required). Use read the timer; do not rely on posted signs or old records.

Section 3 – Truck Probes

33. Probe tip must be in good condition.
34. For core-type probes, a small piece of paper is placed over the tip to check supply/vacuum balance. The paper should not fall off or be sucked into the tip.
35. Check levels if possible.
36. After adjustment, air supply/vacuum balance should not be changed. If it is them or record settings, this provides assurance that they remain correctly adju

37. Is the sample size adequate? Has it changed?
38. If the collection box has a gasket, is it in good condition with no air leaks.
39. Is the delivery tube in good condition,
40. If a gage reading is available, it can indicate leaks or misadjustment.

Name of Inspector

41. Show the name of the inspector who completed the examination. If any iten
unsatisfactory, the sampler is not acceptable. Keep the not acceptable Form FC
record. Even if the facility brings the sampler into compliance immediately, com
another form.
42. An ACG should review some forms for correctness when possible. Any que
information or remarks must be verified to be accurate.

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GIS-936 as a
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GRAIN TEST DATA

SAMPLING METHOD USED FOR STANDARD:
☐ PELICAN ☐ CUP ☐ OTHER _____

COMMODITY:
☐ SMALL GRAIN ☐ COARSE GRAIN ☐ OTHER _____

REMARKS:

Date	Sample No.	Type	DKG	BCFM	
	1	Test Unit			
		Standard			
Difference					
Tolerance					
Result - One test lot			☐ IN ☐ OUT	☐ IN ☐ OUT	☐ IN ☐ OUT

Date	Sample No.	Type	DKG	BCFM	
	2	Test Unit			
		Standard			
	3	Test Unit			
		Standard			
	4	Test Unit			
		Standard			
	5	Test Unit			
		Standard			
Test Unit MDS*					
Tolerance					
Result - Five test lots			☐ IN ☐ OUT	☐ IN ☐ OUT	☐ IN ☐ OUT

*Mean Deviation from Standard

for Mechanical Truck Probes only

Date	Sample No.	Type	DKG	BCFM	
	6	Test Unit			
		Standard			
		HP			
	7	Test Unit			
		Standard			
		HP			
	8	Test Unit			
		Standard			
		HP			
	9	Test Unit			
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	18	Test Unit			
		Standard			
		HP			
	19	Test Unit			
		Standard			
		HP			
	20	Test Unit			
		Standard			
		HP			
Test Unit MDS*					
Hand Probe MDS*					
Regression or T-test			☐ IN ☐ OUT	☐ IN ☐ OUT	☐ IN ☐ OUT

GRAIN TEST DATA

SAMPLING METHOD USED FOR STANDARD: ☐ PELICAN 1 ☐ CUP ☐ OTHER _____

COMMODITY: ☐ SMALL GRAIN 2 ☐ COARSE GRAIN ☐ OTHER _____

REMARKS:

3

Date	Sample No.	Type	DKG	BCFM	
4	1	Test Unit		5	
		Standard			
Difference 6					
Tolerance 7					
Result - One test lot 8			☐ IN ☐ OUT	☐ IN ☐ OUT	☐ IN ☐ OUT

9

Date	Sample No.	Type	DKG	BCFM	
	2	Test Unit			
		Standard			
	3	Test Unit			
		Standard			
	4	Test Unit			
		Standard			
	5	Test Unit			
		Standard			
Test Unit MDS*					
Tolerance					
Result - Five test lots			☐ IN ☐ OUT	☐ IN ☐ OUT	☐ IN ☐ OUT

*Mean Deviation from Standard

10

for Mechanical Truck Probes only

Date	Sample No.	Type	DKG	BCFM	
	6	Test Unit			
		Standard			
		HP			
	7	Test Unit			
		Standard			
		HP			
	8	Test Unit			
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	20	Test Unit			
		Standard			
		HP			
Test Unit MDS*					
Hand Probe MDS*					
Regression or T-test 11			☐ IN ☐ OUT	☐ IN ☐ OUT	☐ IN ☐ OUT

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IN
OUT

INSTRUCTIONS FOR COMPLETING
FORM FGIS-936, "SAMPLER CONDITION REPORT,"
(REVERSE)

Use the reverse of Form FGIS-936 for testing (grain test). Always precede a tes
examination, documented on the front of the form. If the examination and the te
recorded on the same sheet, properly identify the test by filling in the Name of E
Items 1 through 11, 41 and 42 on the front as described in Chapter 4, Examina

1. Method of sampling-What was the standard? If a special location or procedu
explain in remarks.
2. Specify grain.
3. Remarks-Summary of important observations on the sampling system and te
information. Was the test run at normal load-out speed, air pressure, belt depth
dust collection turned on? Shipping bins checked?
4. Enter date sampled.
5. One factor is required, but additional factors may be tested. If necessary, the
manager shall decide the appropriate factors. Test weight is not to be used as t
Report percentages to 2 decimal places.
6. Mathematical average of the mechanical sampler results, average of the star
average of other results. Round percentages to 2 places.
7. Tolerance or allowable deviation = 0.10 x (standard average).
8. Mark the appropriate box for each factor tested. If more than one factor was
them must be within tolerance for a pass. A factor is considered within toleranc
mean deviation from the standard is less than or equal to the allowable deviatic
applicable factor(s).
9. If 5 test lots are to be evaluated, continue entering sample data.
10. If testing a mechanical truck probe, continue entering sample data for 20 te
11. Truck probe performance is evaluated against a standard and a hand probe
regression or a T-test. Technical Service Division provides support for the analy

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Elevator, etc.,
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field office
the only factor.

ndard results,

tested, each of
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