Blood Plasma Program for Processing and Export to Canada

1 Purpose

This work instruction provides the requirements to certify beef blood plasma for inclusion in a United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS), approved Export Verification (EV) Program.

2 Scope

In addition to the ongoing EV Program audits, in-plant monitoring for this program will be conducted by an AMS agent trained in the requirements of this work instruction. The plasma will be certified as free from ocular fluid and CFS material. In-plant monitoring shall consist of the following:

1. Observation of food grade grease plugging of stun hole in head.

2. Observation that heads are free of specific risk material (SRM).

3. Observation that double stunned animal heads have been bagged prior to bleeding.

4. Observation that ocular fluid and brain SRM from head removal station does not contaminate the blood pit.

5. Observation of heads at the end of bleed rail to verify there is no leakage.

6. An accredited AMS agent will determine compliance with part 5.1.3 of *ARC 1030X Procedure EV Program for SRM-free Bovine Inedible Raw Materials* 08 06 10. http://www.ams.usda.gov/AMSv1.0/getfile?dDocName=STELPRDC5065678 using the monitoring process defined in Section 6 of this Work Instruction

    a) Each plant requesting this service must have an approved AMS EV Program for export to Canada.

3 References

The following referenced documents are used for the application of this work instruction. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

1. *Canadian Food Inspection Agency, Health of Animals Regulations, Section 6.5.* http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.%2C_c._296/page-6.html
2. *ARC 1030X Procedure EV Program for SRM-free Bovine Inedible Raw Materials*
3. *Knock Hole Process Monitoring* 03 25 11
4. *US Standards for Condition of Food Containers*
5. *AMS Sample Plan Generator Template* (Box)

4 Accreditation Requirements for AMS Agents

1. AMS agents must demonstrate a performance level of 100 percent accuracy during the testing process. All supervisors and others responsible for the accreditation must first meet the applicable performance standard related to beef plasma collection.

2. The accreditation testing will be conducted on carcasses that represent the threshold requirement for blood plasma export to Canada.

3. AMS will maintain a list of accredited agents detailing the date, location, and scope of training.

5 Sampling Criteria

Carcasses	Defect Rate	Confidence Interval	Samples
<1000	2.5	95%	112
>1000	2.5	95%	117

6 Monitoring Procedures

1. The plants written SOP for Export Verification approved by USDA must include procedures to assure daily monitoring and control of these activities.

2. Contingency plans for separation and removal of contaminated plasma for further processing and export must be identified.

3. An AMS agent will randomly select a 30 minute interval for process monitoring throughout both shifts.

4. On a daily basis the AMS agent will complete a plasma checklist template record identifying the number of carcasses certified.

5. AMS will issue a non-conformance report of any activities that do not meet program requirements.

6. Non-conformances must be addressed in writing within 24 hours with the in-plant AMS agent.

Exhibit A

SAMPLE PLAN GENERATOR (BOX)

LOT	DATE	GRADER	PRODUCT
TOT. TARE	AVE. TARE	BOXES	WEIGHT

		WEIGHTS			SAMPLES				SLICE/ PATTY COUNT
		WT	GROSS	MARKED	INTERIOR		LOCATION	DEFECTS	
1									
2									
3									
4									
5									
6									
7									
8									
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SAMPLE PLAN

RANGE OF RANDOM NUMBERS

Interior Sample	No. of Sam.	Prod. Char.	No. of Sam.	Net Wt.	Fat Sample
					Micro
					Micro Section
					Fat Section

"M" = Micro Lab Analysis

"F" = Fat Lab Analysis

REMARKS

Total Tare Wt. _____

Average Tare Wt. _____

Micro Bag No. _____

Fat Bag No. _____

Contract No. _____

Time Certified _____

Sample Form 1 5-13-94

United States Department of Agriculture

Agricultural Marketing Service

Grading and Verification Division
13952 Denver West Parkway
Building 53, Suite 350
Lakewood, CO 80401

Plasma Checklist

Plant Name _____ Est. No. _____ Facility No. _____

	Certification Checks	Daily Monitored (Minimum Once/Day)	Time Monitored	Time Verified (Minimum Frequency)	Time Verified	Time Verified	Time Verified	Time Verified	Time Verified	Time Verified
Before Blood Pit										
	Trained Employee			1/Shift						
	Stunned Once			1/Shift						
	Stunned Twice (Head Bagged)			1/Shift						
	Head Scraped/Wiped			1/Shift						
	Grease Applied			1/Shift						
Bloodpit										
	Free of SRM			1/Shift						
After Bloodpit										
	Head free of SRM			1/Shift						
	Grease Remaining			1/Shift						
	Double Stun Bags Secure			1/Shift						

	Certification Checks	Daily Monitored (Minimum Once/Day)	Time Monitored	Time Verified (Minimum Frequency)	Time Verified	Time Verified	Time Verified	Time Verified	Time Verified	Time Verified
Records										
	Complete Monitoring			1/Shift						
	Training Recorded			1/Shift						

REMARKS:

Monitor = Observe Examination

Verify = Check Written Records

Grader _____ Signature _____ Date _____

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PLASMA NONCONFORMANCE REPORT

Company _____ Date _____

Area Reviewed _____

NCR Report Number _____

Description of Nonconformance

1. Plan Requirements

2. Nonconformance Observation

3. Action to Prevent Nonconformance

Reviewer _____ Date _____

Plant Representative _____ Date _____