

Cook Chill/Sous Vide HACCP Plan Worksheet

Introduction

The Cook Chill and Sous Vide processes involve food items that are placed into reduced oxygen packaging before or after being cooked. During the reduced oxygen packaging (ROP) process, raw or ready-to-eat foods are placed into packages that are oxygen-impermeable so that a vacuum can remove the air inside the package, modifying the oxygen content (atmosphere), before sealing the package and completing the oxygen barrier. ROP creates an anaerobic environment inside the package, which prevents the growth of most spoilage organisms and the normal signs that the food is no longer fit for consumption (such as odors, mold, slime, texture changes, etc.) will no longer occur. However, ROP foods can increase the risk for growth of bacteria that prefer anaerobic environments, such as *Clostridium botulinum* and *Listeria monocytogenes*. Both *C. botulinum* and *L. monocytogenes* can cause severe foodborne illness and must be prevented through adherence to a proper technique.

Cook Chill: A process in which food products are partially or fully cooked, placed in ROP at 135F or above, properly cooled (135F to 70F within 2 hours, 70F to 41F within 4 hours), stored at or below 41F for 7 days or frozen indefinitely, then reheated before service. When performed incorrectly, Cook Chill processes carry the risk of serious foodborne illness due to bacteria such as *Escherichia coli*, *Salmonella*, *Clostridium botulinum*, *Listeria monocytogenes*, and *Bacillus cereus*. Facility-wide adherence to a complete and detailed HACCP Plan significantly reduces the risk of foodborne illness associated with the Cook Chill process.

Sous Vide: A process in which raw food products are placed in ROP, fully cooked, properly cooled (135F to 70F within 2 hours, 70F to 41F within 4 hours), stored at or below 41F for 7 days or frozen indefinitely, then reheated before service. When performed incorrectly, Sous Vide processes carry the risk of serious foodborne illness due to bacteria such as *Listeria monocytogenes*, *Clostridium botulinum*, and *Bacillus cereus*. Facility-wide adherence to a complete and detailed HACCP Plan significantly reduces the risk of foodborne illness associated with the Sous Vide process.

Note: A HACCP Plan is not required for food products that are removed from reduced oxygen packaging within 48 hours of bagging. If you are unsure if a HACCP Plan is required for your facility, please reach out to your routine inspector to further discuss your process.

Worksheet Instructions

This worksheet represents the minimum required support documentation for a Cook Chill and/or Sous Vide HACCP plan. Please read through and complete the entire worksheet. If a section does not apply to your operation, please write "N/A". You may attach additional documentation to the end of the worksheet, as required. Additional materials and examples can be found on the HACCP Plan Resources website

Click the blue boxes to fill out each section of the worksheet. Any text added to the worksheet will overwrite the example text provided. Instructions for filling out specific sections of the worksheet are provided under the section headings, as necessary. Printed and handwritten worksheets will be accepted.

Before submitting this worksheet, please review the Cook Chill/Sous Vide Checklist provided on the following page. Additional documentation that is not included in this worksheet may be required for your establishment, which must be submitted alongside this completed worksheet.

Incomplete plans will not be accepted or reviewed.



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Cook Chill/Sous Vide HACCP Plan Checklist

		Required Documentation	Completed
New Food Establishments	Standard Applications	Plan Review Application	
		Pre-Opening Inspection – License Application	
Materials included in Cook-Chill/Sous Vide HACCP Worksheet	Process-Specific Facility Information	HACCP Plan and Variance Review Application	
		List of facilities that will be processing and/or storing food items produced using the special process	
		List of all food items produced using this special process	
		List of all ingredients used in the special process	
		List of equipment and materials used in the special process	
		Detailed written description of procedures for packaging food items produced using this special process	
		Detailed Process Flow Diagram, including all Critical Control Points (CCPs), for each food item prepared using the special process	
		Hazard Analysis Chart, including each step listed in the Process Flow Diagram, for each food item prepared using the special process	
		HACCP Chart, including all CCPs listed in the Process Flow Diagram, for each food item prepared using the special process	
	Employee Training Program and Standard Operating Procedures	Employee Health & Personal Hygiene SOP	
		Cleaning & Sanitizing SOPs for all applicable equipment: - Chemical Sanitizing Dishwasher - High Temperature Dishwasher - Three-Compartment Sink	
		Employee Health and Exclusion Acknowledgement	
		Sample Product/Date-Marking Labels for ROP Foods	
		Food Transportation Protocol (if transporting food to additional outlets)	
	Required Records & Documentation	Sample Temperature Logs, as required: <ul style="list-style-type: none"> • Cooking Log • Cooling Log • Hot-Holding Log • Cold Holding Log <i>*please note*</i> continuous electronic monitoring device required • Re-heating Log (for Cook Chill Process) 	
		Sample Transportation Log (if transporting food to additional outlets)	
		Sample Training Log for HACCP Plan and SOPs	
		Food Safety Checklist	

APPLICATION FOR HACCP PLAN

To gain compliance with the 2013 FDA Model Food Code, Section and 8-201.13 as regulated by the Yellowstone City-County Health Department dba RiverStone Health

THE FEE FOR A HACCP PLAN REVIEW IS \$ _____ DATE _____

NAME OF ESTABLISHMENT _____ LICENSE NUMBER _____

ADDRESS _____ CITY _____ ZIP _____

PERSON TO CONTACT _____ DAYTIME PHONE _____

I am submitting a HACCP Plan for (select all that apply):

- Reduced Oxygen Packaging using one of the following barriers in conjunction with refrigeration:
 - Water activity of 0.91 or less
 - pH of 4.6 or below
 - Meat or poultry cured at a USDA regulated facility
 - High level of competing organisms (raw meats, poultry, or raw vegetables)
- Reduced Oxygen Packaging using:
 - Cook-Chill (in accordance with *ARM 3-502.12(D)*)
 - Sous Vide (in accordance with *ARM 5-502.12(D)*)
- Reduced Oxygen Packaging of commercially manufactured cheese
- Reduced Oxygen Packaging of fish (must be frozen before, during and after packaging)
- Packaging juice in a retail food establishment with a 5-log reduction
- Unpasteurized, unpackaged juice for highly susceptible population

Will **process** be used at more than one location? Yes No

If yes, list name(s) and permit number(s) _____

Will **product** be served at more than one location? Yes No

If yes, list name(s) and permit number(s) _____

How will the product be sold? (Select all that apply): Retail Wholesale

***Note:** For each of the above processes selected, a HACCP plan containing all of the required documentation as outlined in the *RiverStone Health Checklist for General HACCP Plan Requirements* and the process specific checklist if applicable must accompany this application. Failure to submit required documentation may result in the rejection of the Variance and associated HACCP plan. Please allow at least 30 days for HACCP Plan review.

Signature _____

Date _____



Name of Establishment: _____

Specialized Process: _____

Address: _____

License Number: _____

Will this process be used at more than one location? Yes No

If yes, list the names and license # of each location:

List all food items produced using this special process:



List all equipment that will be utilized for each food item prepared using this special process:

Please note: This list must include make/model of continuous cold holding monitoring devices.

Procedures for packaging food items produced using this special process:

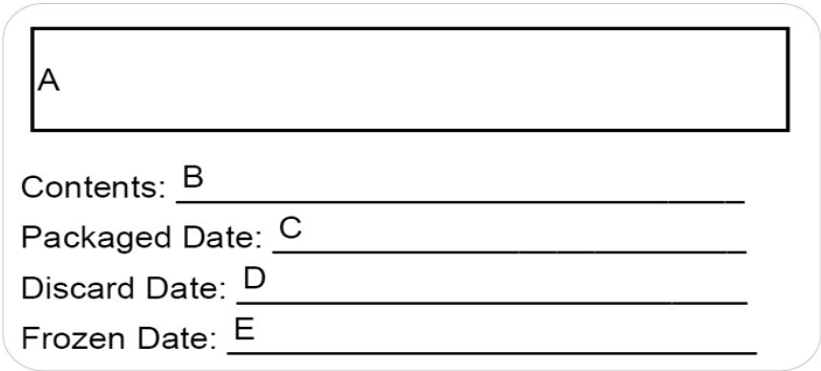
Please note: Sample package labels for each food item produced using this special process must be included as part of the final HACCP Plan. Product labels must be attached separately.



Labeling Template for ROP Foods: Instructions for Use

Read before Use: *This labeling template for ROP Foods is intended for use by establishments that package food items in Reduced Oxygen Packaging (ROP) for on-site use. Please utilize this or an equivalent labeling system to ensure proper date-marking of ROP food items that are packaged and stored in your facility.*

Use the label template reference image to complete to the following steps:

<p>1. In the space corresponding to Box A, write your business name and/or insert your business logo. All information in Box A will auto-populate the corresponding boxes on the other labels.</p>	
<p>2. In the space corresponding to Box B, write what is included in the ROP package (i.e., "Raw Steak - Seasoned", "Chicken Piccata -Cooked", etc.)</p>	
<p>3. In the space corresponding to Box C, write the date that the food product was prepared and packaged.</p>	
<p>4. In the space corresponding to Box D, write the discard date that is appropriate for how the food product is stored. Food products that are:</p> <ul style="list-style-type: none"> • Refrigerated (41F or below): 7 days from Packaged Date • 34F or below: 30 days from Packaged Date 	
<p>5. In the space corresponding to Box E, write the date of which the product was frozen, if applicable. Frozen ROP food products can be stored frozen indefinitely.</p>	
<p>This label template corresponds to Avery brand shipping labels #5163 but can be used with any 2"x 4" adhesive labels for easy, on-site printing.</p>	

Proper Date-Marking Times and Temperatures:

- Refrigerated food products stored at 41F or below must be date-marked for 7 days from Packaged Date.
- Refrigerated food products stored at 34F or below must be date-marked 30 days from Packaged Date.
- Frozen food products can be stored indefinitely. Freezing food products can "pause" the refrigerated storage time. When food products are thawed, the original refrigerated storage period resumes where it was left off and the Discard Date should be updated to reflect the remaining storage time.
- All food products must be either used or discarded within the displayed date-marking period.



Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

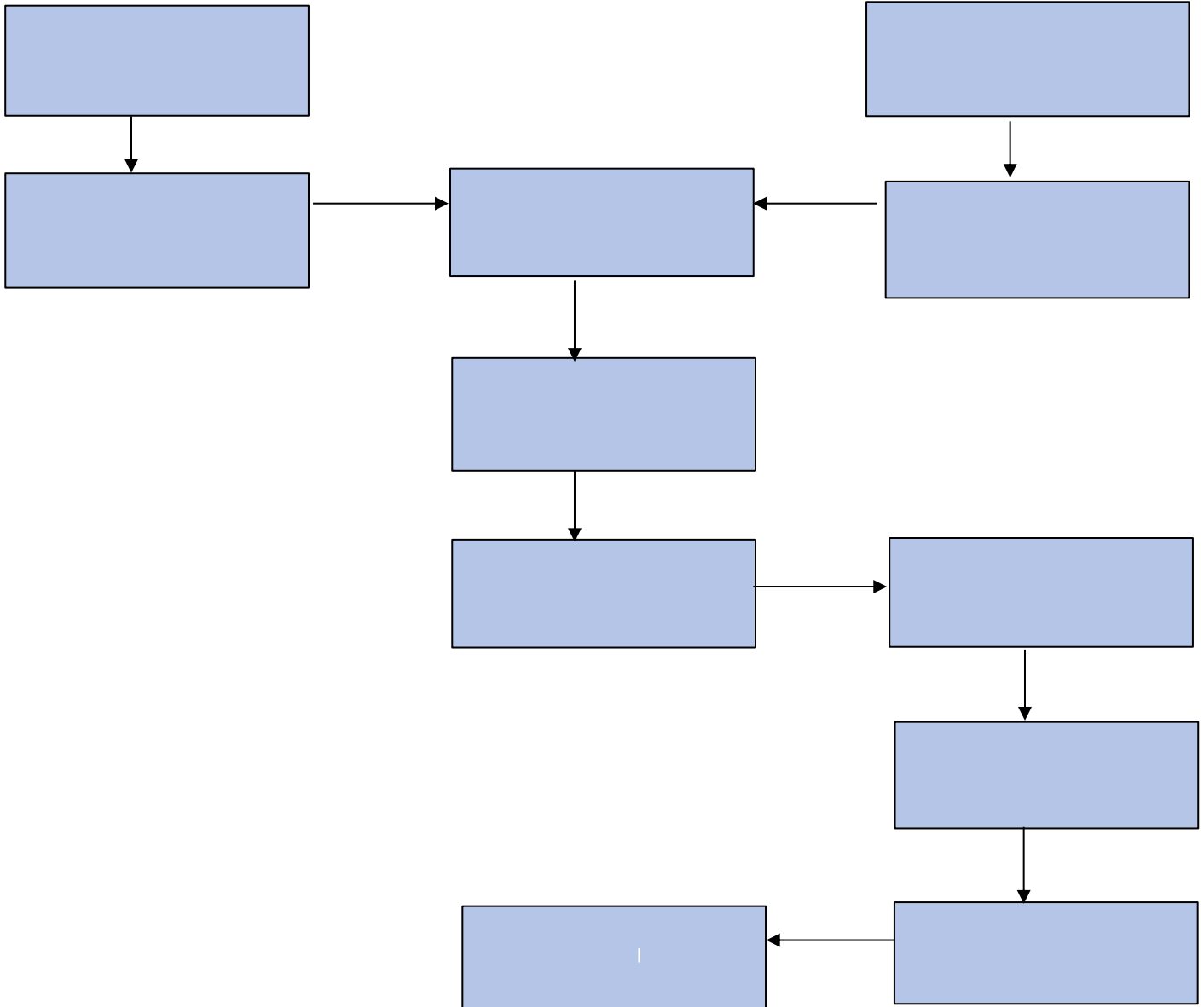
Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Contents:
Packaged Date: _____
Discard Date: _____
Frozen Date: _____

Process Flow Diagram

Create a Process Flow Diagram for each food item prepared using the special process. Process Flow Diagrams should depict each step of the special process from receiving of food products to service. Please indicate which steps represent Critical Control Points (CCPs) in the process. If you are unsure what qualifies as a CCP, utilize this [CCP Decision Tree](#). If the provided Process Flow Diagram is not appropriate for your facility, please attach a different one better suited to your operation. All additional Process Flow Diagrams must be attached, as needed.

Menu Item:	Restaurant Name & License Number:
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Check this box if additional Process Flow Diagrams are attached



Hazard Analysis Chart

Complete a separate Hazard Analysis Chart for each food item prepared using the special process. Please leave unused boxes blank. [Additional Hazard Analysis Charts](#) must be attached, as needed

Menu Item:	Restaurant Name & License Number:
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Process Step	Potential Hazards (B) Biological (C) Chemical (P) Physical	Hazard Significant? (YES/NO)	Justification of Decision	Preventative Measures applied to prevent the significant hazards?	Is this step a CCP? (YES/NO)

Check this box if additional Hazard Analysis Charts are attached.



HACCP Plan Chart

*Complete a separate HACCP Plan Chart for each food item prepared using the special process. Please leave unused boxes blank.
Additional HACCP Plan Charts must be attached, as needed. Examples of HACCP Plan Charts can be found on the [HACCP Plan Resources website](#).*

Menu Item:		Restaurant Name & License Number:							
Hazards	Critical Control Points	Critical Limits	Monitoring				Corrective Actions	Verification	Records
			What	How	Frequency	Who			

Check this box if additional HACCP Plan Charts are attached.



Standard Operating Procedure – Employee Health & Personal Hygiene

PURPOSE & SCOPE

This Standard Operating Procedure (SOP) describes the policy to which staff will adhere in order to ensure all food service employees will maintain good personal hygiene and follow proper Employee Health practices to ensure food safety.

PROCEDURES

1. Follow the Administrative Rules of Montana Title 37, Chapter 110, Subchapter 2 governing food establishment operations.

POLICIES

1. Grooming:
 - a. Arrive at in a clean condition – clean hair and clean outer clothing.
 - b. Fingernails should be trimmed, clean, polish-free, and maintained so edges and surfaces are cleanable and not rough. No artificial nails are permitted in the food production area.
 - c. Wash hands (including under fingernails) and up to forearms vigorously and thoroughly with soap and warm water for a period of 20 seconds:
 - i. When entering the facility before work begins.
 - ii. Immediately before preparing food or handling equipment.
 - iii. As often as necessary during food preparation when contamination occurs.
 - iv. In the restroom after toilet use and when you return to your workstation.
 - v. When switching between working with raw foods and working with ready-to-eat or cooked foods.
 - vi. After touching face, nose, hair, or any other body part, and after sneezing or coughing.
 - vii. After performing any cleaning duties.
 - viii. Between each task performed and before wearing disposable gloves.
 - ix. After smoking, eating, or drinking.
 - x. Any other time an unsanitary task has been performed (i.e. taking out garbage, handling cleaning chemicals, wiping tables, picking up a dropped food item, etc.)
 - d. Wash hands only in hand sinks designated for that purpose.
 - e. Dry hands with single use towels. Turn off faucets using a paper towel to prevent recontamination of clean hands.
2. Proper Attire:
 - a. Wear appropriate clothing- clean uniform with sleeves and clean non-skid closed-toe work shoes that are comfortable for standing and working on floors that can be slippery.

- b. Aprons used by employees are to be hung in a designated area when not in use. They are not to be worn in the toilet area, eating areas or locker rooms.
 - c. Use disposable gloves, or dispensing equipment such as tongs, spatulas or tissue paper when handling ready-to-eat foods that will not be heat-treated.
 - d. Change disposable gloves as often as handwashing is required. Wash hands before donning and after discarding gloves.
3. Hair restraints and jewelry:
- a. Effective hair restraints must be worn in food preparation and service areas.
 - b. Keep beard and mustaches neat and trimmed. Beard restraints are required in any food production area.
 - c. No jewelry (except a wedding band or other plain ring or medical identification bracelet) is allowed during handling of food.
4. Illness:
- a. Food employees shall report to Person in Charge when they have a symptom caused by illness, infection, or other source that is:
 - i. Associated with, diarrhea, vomiting or other acute gastrointestinal illness
 - ii. Jaundice
 - iii. Sore throat with fever
 - iv. A boil, infected wound or other lesion containing pus that is open or draining. If located on the hands or wrists, a finger cot that protects the lesion and a single use glove must be worn. Lesions on exposed portions of the arms must be protected by an impermeable cover.
 - b. Employees with gastrointestinal symptoms (vomiting and/or diarrhea) will be excluded for a minimum of 48 Hours after symptoms have stopped.
 - c. Employees with jaundice will be excluded until laboratory results indicate the individual is not currently infected with Hepatitis A.
 - d. Employees with acute respiratory infection or sore throat with fever will be excluded until symptom free. Employees could be re-assigned to activities so that there is no risk of transmitting a disease through food.
5. Cuts, Abrasions and Burns:
- a. Bandage any cut, sores, rash, lesion, abrasion or burn that has broken the skin.
 - b. Wear disposable gloves to cover bandages on hands. Change as appropriate.
 - c. Inform Person in Charge of all wounds.
6. Smoking, eating and gum chewing:
- a. Eating and drinking is prohibited in areas where contamination of exposed food, clean equipment, utensils, unwrapped single-service and single use articles could occur.
 - b. Smoke only in designated areas. No smoking or chewing tobacco shall occur inside food preparation and service areas.

- c. A closed beverage container may be used in the kitchen if the container is handled to prevent contamination.
 - d. Refrain from chewing gum or eating candy while working in food preparation areas.
7. No Bare Hand Contact with Ready to Eat (RTE) Foods
- a. Food handlers may use single service gloves, tongs, spatulas, serving spoons, deli paper and/or toothpicks to prevent contact with ready to eat food items with bare hands during food preparation and/or service.

MONITORING

- 1. Person in Charge will:
 - a. Visually inspect employees when they report to work to ensure all employees are adhering to the health and hygiene policies.
 - b. Visually monitor employee handwashing during all hours of operation.
 - c. Visually monitor employees during all hours of operation to ensure proper procedures are followed to avoid bare-hand contact with ready-to-eat foods.
 - d. Visually observe handwashing sinks to ensure all handwashing sinks are properly supplied during all hours of operation.

CORRECTIVE ACTION

- 1) Retrain any employee found not following the procedures in this SOP.
- 2) Ensure employees that are observed not washing their hands at the appropriate times are required to immediately wash their hands using the proper procedures
- 3) Ensure employees that are observed contacting ready-to-eat food with bare hands are retrained to ensure proper procedures to avoid bare hand contact with ready-to-eat foods and proper handwashing procedures.
- 4) Ensure employees exhibiting signs of illness are excluded for the period outlined in this SOP.

DATE IMPLEMENTED: _____ **BY:** _____

DATE REVIEWED: _____ **BY:** _____

DATE REVISED: _____ **BY:** _____



Cleaning and Sanitizing Food Contact Surfaces (Chemical Sanitizing Dishwasher)

PURPOSE: To prevent foodborne illness by ensuring that all food contact surfaces are properly cleaned and sanitized.

SCOPE: This procedure applies to foodservice employees involved in cleaning and sanitizing food contact surfaces.

INSTRUCTIONS:

1. Train foodservice employees on using the procedures in this SOP.
2. Follow the Administrative Rules of Montana Title 37, Chapter 110, Subchapter 2 requirements for foodservice operations.
3. Follow manufacturer's instructions regarding the use and maintenance of equipment and use of chemicals for cleaning and sanitizing food contact surfaces.
4. Wash, rinse, and sanitize food contact surfaces of sinks, tables, equipment, utensils, thermometers, carts, and equipment:
 - Before each use
 - Between uses when preparing different types of raw animal foods, such as eggs, fish, meat, and poultry
 - Between uses when preparing ready-to-eat foods and raw animal foods, such as eggs, fish, meat, and poultry
 - Any time contamination occurs or is suspected
5. Wash, rinse, and sanitize food contact surfaces of sinks, tables, equipment, utensils, thermometers, carts, and equipment using the following procedure:
 - Wash surface with detergent solution.
 - Rinse surface with clean water.
 - Sanitize surface using a sanitizing solution mixed at a concentration specified on the manufacturer's label.
 - Place wet items in a manner to allow air drying.
6. For the dish machine:
 - Check with the dish machine manufacturer to verify that the information on the data plate is correct.
 - Refer to the information on the data plate for determining wash, rinse, and sanitization rinse temperatures; sanitizing solution concentrations; and water pressures, if applicable.
 - Follow manufacturer's instructions for use.

MONITORING:

Food service employees will:

1. During all hours of operation, visually and physically inspect food contact surfaces of equipment and utensils to ensure that the surfaces are clean.
2. For the dish machine, daily:
 - Visually monitor that the water and the interior parts of the machine are clean and free of debris.
 - Continually monitor the temperature and pressure gauges, if applicable, to ensure that the machine is operating according to the data plate.
 - Check the sanitizer concentration on a recently washed food-contact surface by using a chlorine test kit. The chlorine concentration of the rinse should be 50 to 100 parts per million. Use the reference colors on the test kit to determine if the proper concentration has been reached.

CORRECTIVE ACTION:

1. Retrain any foodservice employee found not following the procedures in this SOP.
2. Wash, rinse, and sanitize dirty food contact surfaces. Sanitize food contact surfaces if it is discovered that the surfaces were not properly sanitized. Discard food that comes in contact with food contact surfaces that have not been sanitized properly.
3. For the dish machine:
 - Drain and refill the machine periodically and as needed to keep the water clean.
 - Contact the appropriate individual(s) to have the machine repaired if the machine is not reaching the proper wash or rinse temperature indicated on the data plate.
 - For a chemical sanitizing dish machine, check the level of sanitizer remaining in bulk container. Fill, if needed. “Prime” the machine according to the manufacturer’s instructions to ensure that the sanitizer is being pumped through
 - If the dish machine is not dispensing the approve concentration of sanitizer, rinse, and sanitize in the 3-compartment sink until the machine is repaired or use disposable single service/single-use items. The dish machine may not be used if it is not dispensing the required concentration of sanitizer.

VERIFICATION AND RECORD KEEPING:

The foodservice manager will verify that foodservice employees have taken the required temperatures and tested the sanitizer concentration by visually monitoring foodservice employees during the shift and confirming their results.

DATE IMPLEMENTED: _____ **BY:** _____

DATE REVIEWED: _____ **BY:** _____

DATE REVISED: _____ **BY:** _____



Cleaning and Sanitizing Food Contact Surfaces SOP

(High Temperature Dishwasher)

PURPOSE: To prevent foodborne illness by ensuring that all food contact surfaces are properly cleaned and sanitized.

SCOPE: This procedure applies to foodservice employees involved in washing, rinsing, and sanitizing food contact surfaces.

INSTRUCTIONS:

1. Train foodservice employees on using the procedures in this SOP.
2. Follow the Administrative Rules of Montana Title 37, Chapter 110, Subchapter 2 requirements for foodservice operations.
3. Follow manufacturer's instructions regarding the use and maintenance of equipment and use of chemicals for cleaning and sanitizing food contact surfaces.
4. Wash, rinse, and sanitize food contact surfaces of sinks, tables, equipment, utensils, thermometers, carts, and equipment:
 - Before each use
 - Between uses when preparing different types of raw animal foods, such as eggs, fish, meat, and poultry
 - Between uses when preparing ready-to-eat foods and raw animal foods, such as eggs, fish, meat, and poultry
 - Any time contamination occurs or is suspected
5. For the high temperature dish machine:
 - Check with the dish machine manufacturer to verify that the information on the data plate is correct.
 - Refer to the information on the data plate for determining wash, rinse, and sanitization (final) rinse temperatures; sanitizing solution concentrations; and water pressures, if applicable.
 - Follow manufacturer's instructions for use.
 - Ensure that food contact surfaces reach a surface temperature of **160F** or above when using hot water to sanitize.

MONITORING

1. During all hours of operation, visually and physically inspect food contact surfaces of equipment and utensils to ensure that the surfaces are clean.
2. For the dish machine, on a daily basis:
 - Visually monitor that the water and the interior parts of the machine are clean and free of debris.
 - Continually monitor the temperature and pressure gauges, if applicable, to ensure that the machine is operating according to the data plate.
3. A minimum dishwashing temperature of 160F will be verified by:

Choose One Option

CORRECTIVE ACTION:

1. Retrain any foodservice employee found not following the procedures in this SOP.
2. Wash, rinse, and sanitize dirty food contact surfaces. Sanitize food contact surfaces if it is discovered that the surfaces were not properly sanitized. Discard food that comes in contact with food contact surfaces that have not been sanitized properly.
3. For the dish machine:
 - Drain and refill the machine periodically and as needed to keep the water clean.
 - Contact the appropriate individual(s) to have the machine repaired if the machine is not reaching the proper wash or rinse temperature indicated on the data plate.
 - For the dish machine, retest by running the machine again. If the appropriate surface temperature is still not achieved on the second run, contact the appropriate individual(s) to have the machine repaired. Wash, rinse, and sanitize in the 3-compartment sink until the machine is repaired or use disposable single service/single-use items. The dish machine may not be used if it is not reaching the approved temperature that is indicated on the data plate.

VERIFICATION AND RECORD KEEPING:

The foodservice manager will verify that foodservice employees have taken the required temperatures by visually monitoring foodservice employees during the shift and confirming their results.

DATE IMPLEMENTED: _____ **BY:** _____

DATE REVIEWED: _____ **BY:** _____

DATE REVISED: _____ **BY:** _____



Cleaning and Sanitizing Food Contact Surfaces SOP

(Three Compartment Sink)

PURPOSE: To prevent foodborne illness by ensuring that all food contact surfaces are properly cleaned and sanitized.

SCOPE: This procedure applies to food service employees involved in cleaning and sanitizing food contact surfaces.

INSTRUCTIONS:

1. Train food service employees on using the procedures in this SOP.
2. Follow the Administrative Rules of Montana Title 37, Chapter 110, Subchapter 2, requirements for foodservice operations.
3. Follow manufacturer's instructions regarding the use and maintenance of equipment and use of chemicals for cleaning and sanitizing food contact surfaces.
4. Wash, rinse, and sanitize food contact surfaces of sinks, tables, equipment, utensils, thermometers, carts, and equipment:
 - Before each use
 - Between uses when preparing different types of raw animal foods, such as eggs, fish, meat, and poultry
 - Between uses when preparing ready-to-eat foods and raw animal foods, such as eggs, fish, meat, and poultry
 - Any time contamination occurs or is suspected
5. Wash, rinse, and sanitize food contact surfaces of sinks, tables, equipment, utensils, thermometers, carts, and equipment using the following procedure:
 - Wash surface with detergent solution.
 - Rinse surface with clean water.
 - Sanitize surface using a sanitizing solution mixed at a concentration specified on the manufacturer's label.
 - Place wet items in a manner to allow air drying.
6. Setup and use the 3-compartment sink in the following manner:
 - In the first compartment, wash with a clean detergent solution at or above 110°F or at the temperature specified by the detergent manufacturer.
 - In the second compartment, rinse with clean water.
 - In the third compartment, sanitize with Type of sanitizer sanitizing solution mixed at a concentration of Recommended Concentration

Test the chemical sanitizer concentration by using an appropriate test kit.

MONITORING:

Food service employees will:

1. During all hours of operation, visually and physically inspect food contact surfaces of equipment and utensils to ensure that the surfaces are clean.
2. For the 3-compartment sink, daily:
 - Visually monitor that the water in each compartment is clean.
 - Take the water temperature in the first compartment of the sink by using a calibrated thermometer.
 - Test sanitizer concentrations using:

Choose One Option

CORRECTIVE ACTION:

1. Retrain any food service employee found not following the procedures in this SOP.
2. Wash, rinse, and sanitize dirty food contact surfaces. Sanitize food contact surfaces if it is discovered that the surfaces were not properly sanitized. Discard food that comes in contact with food contact surfaces that have not been sanitized properly.
3. For the 3-compartment sink:
 - Drain and refill compartments periodically and as needed to keep the water clean.
 - Adjust the water temperature by adding hot water until the desired temperature is reached.
 - Add more sanitizer or water, as appropriate, until the proper concentration is achieved.

VERIFICATION AND RECORD KEEPING:

The foodservice manager will verify that foodservice employees have taken the required sanitizer concentration by visually monitoring foodservice employees during the shift and confirming their results.

DATE IMPLEMENTED: _____ **BY:** _____

DATE REVIEWED: _____ **BY:** _____

DATE REVISED: _____ **BY:** _____



ENVIRONMENTAL HEALTH SERVICES

123 S. 27th St., Billings, MT 59101

406.256.2770

environmental.hea@riverstonehealth.org

Employee Health Policy

Establishment Name: _____

Establishment Address: _____

The purpose of this agreement is to inform conditional employees and current employees of this food establishment of the responsibility to notify the person in charge (PIC) when they experience any of the conditions listed so the PIC can take appropriate steps to prevent the transmission of foodborne illness.

I agree to report these symptoms whether they occur at work **or** outside of work:

- 1) Diarrhea;
- 2) Vomiting;
- 3) Jaundice;
- 4) Sore throat with a fever; and/or,
- 5) Infected cuts, wounds, or lesions containing pus on exposed parts of the body (e.g. hands, wrists, etc.)

I understand that if I am experiencing diarrhea and vomiting, I will not be able to return to work for at least **24 hrs after the symptoms have stopped.**

I agree to report if I am diagnosed as being ill with Norovirus, Salmonella typhii (typhoid fever), any Shigella species, E. coli 0157:H7, other Enterohemorrhagic or Shiga toxin-producing E. coli, Hepatitis A virus any other communicable disease that is considered reportable as required in the Administrative Rules of Montana Title 37, Chapter 110, Subchapter 2.

I agree to follow all employee health, restrictions, exclusions and reporting requirements as required in section 2-201.11 of the Administrative Rules of Montana, Governing Food Establishments.

Current/Conditional Food Employee Initial Name: _____

Current/Conditional Food Employee Initial Signature: _____ Date: _____

Food Establishment Representative Name: _____

Food Establishment Representative Signature: _____ Date: _____



Cooking Temperature Log

Month _____ 20_____

Date/Time	Equipment	Food Item	Temperature	Corrective Action	Employee Initial

Cooking Temperature Requirements for Raw Animal Products (Section 3-401.11 of 2013 FDA Model Food Code as adopted by the Administrative Rules of Montana, Title 37, Chapter 110, Subchapter 2)

- 165°F or higher for 15 seconds for: poultry, baluts, wild game animals, stuffed fish/meat/pasta/poultry or ratites.
- 155°F or higher for 15 seconds for: comminuted(ground) fish/meat/game animals, mechanically tenderized and/or injected meats or pooled eggs.
- 145°F or higher for 15 seconds for: pork, fish, some poultry and wild game and eggs broken and cooked for immediate service.

Reviewed By: _____



Cooling Temperature Log

Month _____ 20____

Date	Product	Initial Time and Temperature (food must be 135F or below)	Time/Temp #2	Time/Temp #3	Final Time and Temperature (food must be 41F or below)
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
	Corrective Actions (if needed)				
Critical Limits for Cooling TCS Foods			Corrective Actions to Take and Document		
Foods must be cooled from 135°F to 70°F within 2 hours and from 70°F to 41°F within the next 4 hours.			Reheat to 165°F within 2 hours to start the cooling process over or for hot holding/service. Reheating can only be done <u>once</u> as a corrective action. Discard if time and temperature requirements of the cooling process were not met.		

Reviewed by: _____



Hot-Holding Temperature Log

Month _____ 20_____

Date/Time	Equipment	Food Item	Temperature	Corrective Action	Employee Initial

Minimum Hot Holding Temperature 135°F

- If the food temperature is less than 135°F - notify a manager or supervisor.
- If out of temperature for less than 2 hours the food may be rapidly reheated to 165°F (one time only).

Reviewed By: _____



Refrigerator Temperature Log

Month _____ 20_____

Refrigerator - Name/ Location _____/_____

Date	Time AM/PM	Temperature	Recorded By	Corrective Action

Maintain Food at 41°F or Colder

- If the temperature is above 41°F notify a manager or supervisor immediately.
- Corrective action must be noted if the temperature is above 41°F.

Reviewed by: _____



Food Safety Training Log

Trainee Name	Food Safety Training: Type Completed	Date Completed	Trainee Initials	Supervisor Initials

Reviewed By: _____



The Food Safety Checklist should be used by the person in charge (PIC) to determine compliance with food safety practices that prevent foodborne illness in their facility. This checklist:

- is not comprehensive. Your facility will be evaluated on other items of compliance during an inspection.
- only includes items that, if found out of compliance, must be immediately corrected on site during an inspection and directly impacts the facility's inspection score.
- may be used with the Food Establishment Field Inspection Guide to determine how items would be marked and corrected during a routine inspection.

	In	Out	#	Description
Supervision; Employee Health & Hygiene	<input type="checkbox"/>	<input type="checkbox"/>	1.	PIC is present; PIC is a Certified Food Protection Manager (Risk Category 3s & 4s); PIC demonstrates active managerial control over employees and food safety risks at facility.
	<input type="checkbox"/>	<input type="checkbox"/>	2.	Facility has written procedures for the cleanup of vomit/diarrhea; employees are aware of exclusion Policy.
	<input type="checkbox"/>	<input type="checkbox"/>	3.	Food handlers cover sores/cuts on hands with bandage and gloves; PIC restricts or excludes sick employees.
	<input type="checkbox"/>	<input type="checkbox"/>	4.	Employee drinks have fitted lid and straw; employees eat, taste, and drink in a way that avoids cross contamination.
	<input type="checkbox"/>	<input type="checkbox"/>	5.	Employees experiencing persistent runny nose, sneezing, coughing, and watery eyes are restricted from food/equipment.
Preventing Contamination by Hands	<input type="checkbox"/>	<input type="checkbox"/>	6.	Employees wash hands for at least 20 seconds as often as needed.
	<input type="checkbox"/>	<input type="checkbox"/>	7.	Employees use utensils or gloved hands to prevent bare hand contact with ready-to-eat (RTE)
	<input type="checkbox"/>	<input type="checkbox"/>	8a.	Handwashing sinks are clear and accessible; sinks are used for handwashing only.
	<input type="checkbox"/>	<input type="checkbox"/>	8b.	All handwashing sinks are stocked with soap and paper towels; handwashing signs are posted at each sink.
Approved Sources	<input type="checkbox"/>	<input type="checkbox"/>	9a.	All food comes from an approved source.
	<input type="checkbox"/>	<input type="checkbox"/>	9b.	All molluscan shellfish come from sources listed on the Interstate Certified Shellfish Shippers list (ICSSL).
	<input type="checkbox"/>	<input type="checkbox"/>	9c.	All game animals and wild mushrooms come from an approved source.
	<input type="checkbox"/>	<input type="checkbox"/>	10.	All time/temperature control for safety (TCS) food is received at or below 41°F; eggs and milk are received at or below 45°F.
	<input type="checkbox"/>	<input type="checkbox"/>	11.	Food is honestly presented and free from mold; packages and cans of food are in good condition.
	<input type="checkbox"/>	<input type="checkbox"/>	12a.	Facility maintains annual parasite destruction letter for fish served raw or undercooked.
	<input type="checkbox"/>	<input type="checkbox"/>	12b.	Shellstock tags are stored with the shellstock until the last shellfish is sold; tags are marked with the last date of sale; tags for past 90 days are stored chronologically on site.
	<input type="checkbox"/>	<input type="checkbox"/>	13a.	All raw animal foods are stored away from or underneath RTE foods in all equipment.
Food Protected from Contamination	<input type="checkbox"/>	<input type="checkbox"/>	13b.	All raw animal foods are stored away from each other, or in order of minimum cook temperature then poultry and stuffed foods.
	<input type="checkbox"/>	<input type="checkbox"/>	13c.	All food is stored and handled in a way that protects it from environmental contamination
	<input type="checkbox"/>	<input type="checkbox"/>	14.	All in-use prep surfaces such as cutting boards and utensils that contact TCS food are washed, rinsed, and sanitized every 4 hours minimum; equipment/utensils not in use are clean to sight and touch.
	<input type="checkbox"/>	<input type="checkbox"/>	15a.	Food is not re-served after being sold or served to a consumer.
	<input type="checkbox"/>	<input type="checkbox"/>	15b.	Food that has been contaminated or obtained from an unapproved source is discarded.

	In	Out	#	Description
Control of TCS Foods	<input type="checkbox"/>	<input type="checkbox"/>	16.	All raw animal foods are cooked to a proper final cook temperature; facility is following pre-approved non-continuous cooking process.
	<input type="checkbox"/>	<input type="checkbox"/>	17.	Commercially processed RTE food is rapidly reheated to 135°F within 2 hours; RTE food prepared in-house is rapidly reheated to 165°F within 2 hours.
	<input type="checkbox"/>	<input type="checkbox"/>	18.	TCS food is cooled from 135°F to 70°F within 2 hours and from 70°F to 41°F within an additional 4 hours, verified using a calibrated thermometer; food prepped from ambient temperature is cooled to 41°F within 4 hours.
	<input type="checkbox"/>	<input type="checkbox"/>	19.	All TCS food is hot held at 135°F or above; roasts are hot held at 130°F or above.
	<input type="checkbox"/>	<input type="checkbox"/>	20.	All TCS food is cold held at 41°F or below.
	<input type="checkbox"/>	<input type="checkbox"/>	21a.	All TCS food prepared on site, or opened from a commercial container, and held for more than 24 hours is date marked and discarded after 7 days; date marking system is clear and understood by all employees.
	<input type="checkbox"/>	<input type="checkbox"/>	21b.	When using time as a public health control, written procedures are maintained on site and food is marked to be discarded after 4 hours.
Consumer Advisory	<input type="checkbox"/>	<input type="checkbox"/>	22.	Alcohol advisory is posted behind the bar or in women’s restroom; if serving raw or undercooked meat, facility has raw/undercooked advisory on menu and foods are identified by asterisking them to the advisory.
Susceptible Populations	<input type="checkbox"/>	<input type="checkbox"/>	23.	Facilities specifically serving highly susceptible populations do not offer prohibited foods such as undercooked animal products, raw seed sprouts or unpasteurized juice, milk, or shell eggs.
Food Additives; Toxic Substances	<input type="checkbox"/>	<input type="checkbox"/>	24.	Approved food additives are used properly.
	<input type="checkbox"/>	<input type="checkbox"/>	25a.	All chemical bottles are labeled with contents; chemicals, first-aid items, and personal care products are stored underneath or separately from food; sanitizer applied to food contact surfaces is at appropriate concentration (50-100ppm chlorine, 200-400ppm quat).
	<input type="checkbox"/>	<input type="checkbox"/>	25b.	Poisonous or toxic chemicals held for retail sale are stored separately from or beneath food and single-use items.
Approved procedures	<input type="checkbox"/>	<input type="checkbox"/>	26.	Facility has an approved operational plan or HACCP plan for specialized processes conducted; facility is following plan and keeps records on site; mobile unit is following Servicing Area Agreement.
Equipment and facilities	<input type="checkbox"/>	<input type="checkbox"/>	27.	Facility is free from pest activity; facility receives regular service from a licensed pest control operator; facility does not allow live animals (other than service animals) inside
	<input type="checkbox"/>	<input type="checkbox"/>	28.	All dishwashing sanitizers used at proper concentration; surfaces of dishes reach 160°F and rinse gauge reaches 180°F in high temperature dishwasher; dishes washed in a 3-compartment sink and clean-in-place equipment are washed in the correct order (wash, rinse, sanitize, and air dry); test strips are available for sanitizer concentration and for high temperature dishwasher.
	<input type="checkbox"/>	<input type="checkbox"/>	29.	Water comes from an approved source and is free from contamination; hot and cold water available at sinks.
	<input type="checkbox"/>	<input type="checkbox"/>	30.	Facility is free from sewage overflows or back-ups; wastewater is properly disposed of.

PIC Signature: _____

Date: _____

Is your facility struggling to keep any of these items “IN”? We can help!

Find food safety brochures, procedures, posters, logs, and more in our online [Resource Library](#).

