SOP - Cooling Foods



Facility:

If you require any assistance please call 514-700-1567

Why	Pathogenic bacteria and toxins may be produced when cooling food too slowly with the potential to cause food borne illness and potential death. The larger the batch of food the longer it will take to cool.			
Who	Employees responsible for cooling food products. — Other			
When	Whenever you are cooling Potentially Hazardous Foods (PHFs).			
Where	Ice bath	 Commercial reach-in Freezer 	 Walk-in freezer 	
	 Walk-in cooler 	Blast chiller	 Water spray tunnel 	
	 Air cooling tunnel 	- Other		
How	For All foods:			
	 Make sure there is adequate air circulation around containers. 			
	 Do not cover until food is cooled, then cover. 			
	 Stir foods to cool them faster and more evenly. 			
	 Do not overload the capacity of refrigeration units / freezers. 			
	 Use a clean and calibrated thermometer to check the temperature at the center of the food. Make sure that it reaches 70°F / 21°C within 2 hours, and 41°F / 5°C within an additional 4 hours. 			
	- Other			
Thin Liquids	Modify recipes to use cold water or ice.			
	Divide food into smaller batches or portions.			
	 Use cooling wand/ice bath or cold running water and stir frequently. 			
	 Put in shallow containers (<2" thick) and refrigerate or freeze. 			
	- Other			
	Modify recipes to use cold water or ice.			
	Divide food into smaller batches or portions.			
Thick Liquids	 Use cooling wand/ice bath or cold running water and stir frequently. 			
Liquius	 Put in shallow containers (<2" thick) and refrigerate or freeze. 			
	- Other			
Semi Solids	Divide food into smaller batches or portions.			
	Put in shallow containers (<2" thick) and refrigerate or freeze.			
	- Other			

Comments:	Authorized Signature::
	Date:
	Time:

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	Divide food into smaller batches or portions.				
Solids	Put in shallow containers (<2" thick) and refrigerate or freeze.				
	- Other				
Cooling Log		Every time			
		Hourly			
	Record times and temperatures during cooling:	- Daily			
		Weekly			
		- Other			
Corrective actions	 Throw away food if the cooling times and temperatures have not been reached. 				
	OR				
	 If food has not cooled in the proper time/temp, immediately reheat food and begin the process again (only reheat once to 165°F / 74°C). 				
	 Make sure that refrigeration unit is adequate to support food volume and cooling method, and is not overloaded. 				
	 Check that the refrigeration unit is operating properly. 				
	 Throw out PHF held at room temperature for more than 4 hours. 				
	 Throw out food if proper procedure not followed or cooling time/temps were not reached. 				
	- Other				
PIC Verification	Spot check cooling procedures and temperatures for each item.				
	Thermometers are used and calibrated.				
	Other				

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