CAMS/HD-02



**Conformity Accreditation Management System** 

# SUGGESTED GUIDEBOOK CUM CHECKLIST FOR HYGIENE STORAGE & HANDLING OF FOOD AND NON-FOOD ITEM

# FOOD SAFETY CHECKLIST

#### CONTENTS

- 1. Procurement of Raw Material
- 2. Storage of Raw Materials
- 3. Preparation of raw materials
- 4. Cooking/Processing
- 5. Storage of cooked food
- 6. Preparation of cooked food before serving
- 7. Serving of cooked food
- 8. Sale or display of food
- 9. Storage of surplus foods
- 10. Quality of water & Ice
- 11. Utensils & Equipments
- 12. Cleaning & Hygiene of establishment
- 13. Cleaning & Hygiene of surrounding/environment
- 14. Lighting facility
- 15. Garbage disposal facility
- 16. Pest control
- 17. Facilities for Personal Hygiene
- 18. Personal Hygiene

#### Abbreviations used:

Y: Yes

N: No

NA: Not Applicable

**RM:** Raw material

#### FOOD SAFETY CHECKLIST

Criteria	Checks	Y/N/NA
Freshness	Fresh appearance (intact, without bruises/spots, patches, shriveled etc.)	
	Off odour/ spoilage/ putrefaction	
	Chilled and frozen products are received at correct temperature	
Quality	RM/ Products are free from any physical impurities (e.g. dirt, dust,	
	stones, wood, signs of infestation, pest or their remains, metal pieces or	
	any other foreign matter)	
	Temperature of potentially high risk food is at or below 5 °C	
	Temperature of frozen foods is -18 °C or below	
	RM is free from any off odour	
	RM is Free from any fungal (frothy) growth	
Quality of	Packaging and pack seals are intact	
packaged	Pack is without holes	
food	Pack air/vacuum intact	
products	Pack is without leakage, dents, puffing and rusting signs	
	Whether any signs of thawing or temperature abuse (e.g. water droplets	
	inside the pack etc.)	
	RM/products are under 'best before'/'expiry' or 'Use by' date	
	Products have green or brown mark on the pack according to its	
	category (veg. or non-veg.)	

# **Procurement of Raw Material**

# 2. Storage of Raw Materials

Criteria	Checks	Y/N/NA
Storage area	All supplies are stored at proper storage areas	
	Every storage should have temperature gauge	
	Storage area is clean and free of debris, empty boxes or other refuse	
	Storage area is dry and well ventilated and well lighted	
	Scaling of wall paint is removed	
	Storage area is free from insects, pests or their remains	
	Stored products are completely covered	
	Raw material arranged & used on FIFO (first in first out) and FEFO	
	(First Expired First Out) basis and marked	

	Raw materials are stacked properly (heavy cartons, glass jars stored on
	lower shelves)
	Raw material stored 6 inches above the ground and away from the wall
	on sound pallets where ever applicable. Pallets are having facility for air
	circulation
	Chemicals and cleaning supplies are stored away from food and other
	food related supplies (packaging material etc.) under lock and key
	Non-veg. & veg. products are kept physically separated or stored in
	different containers/ racks/ compartments
	Raw materials are kept separately with proper labelling from semi-
	processed and processed (cooked) foods.
	All products are stored covered in clean and intact containers
Dry Storage	All foods and paper/packaging supplies are stored off the floor and away
	from the walls (at least 6 inches)
	Bulging or leaked canned products and Tetra Packs are removed from
	the storage area
	All products are labelled with name and date (expiry/delivery)
Cold storage	Proper temperatures are maintained (5°C or below for chillers and -18°
_	C or below for freezers)
	Cold storage room/refrigerator is not over-stuffed with food products
	Cooked foods are stored above raw foods on separate shelves
	All foods are properly wrapped, labelled and dated
	FIFO & FEFO are followed
	Perishable products (milk, meat, butter etc.) are stored in refrigerator
	only at temperature of 5 <sup>o</sup> C or below
	Products with strong odours are kept covered in refrigerator

# 3. Preparation of raw materials

Criteria	Checks	Y/N/NA
	Only potable water from safe source is used for preparation of raw	
General	materials/or as an ingredient in food products	
	Work surfaces are cleaned properly before starting work	
	Perishable products are kept in the fridge at temperature of 5°C or	
	below and consumed before its 'best before'/'use by'/ 'expiry' date	
	Raw and cooked products are stored physically separated	
	Unused thawed food is discarded	
	Only clean and intact equipments are used	
	Products are kept covered after preparation/cooking	

Sieving/straining	Sort all raw materials (e.g. grains, fruits & vegetables etc.) and
or sorting or	remove undesirable/spoiled parts before use
cleaning	Sieve all dry, powdered raw materials (e.g. flour, powdered sugar)
	before use
	Strain all liquid raw materials (e.g. syrups etc.) before use
Washing	Only potable water is used for washing of food products
	Uncooked, ready-to-eat fruits & vegetables are disinfected with 50
	ppm chlorinated water before cutting, peeling or serving
	Wash water is not re-used for washing equipments, utensils,
	containers or food products
Thawing of food	Frozen products are thawed in refrigerator/microwave/convection
products	oven or under running potable water well before cooking
	Only required portion of the food is thawed at a time
	Products from which melt-water is released are kept in a drip tray at
	the bottom of the refrigerator
	Thawed products are used immediately and not refrozen or kept in
	chiller

# 4. Cooking/Processing

Criteria	Checks	Y/N/NA
Cooking of	Food is cooked thoroughly with temperature reaching at least $70^{\circ}$ C	
food	Salads/ garnishes/uncooked ready-to-eat foods are prepared from	
	thoroughly washed RM	
	Processing/cooking is done in clean and hygienic area	
	Clean equipments and utensils are used for cooking/processing	
	Separate equipments and utensils are used for veg. & non-veg. products	
	Frying oil/fat is changed immediately when there is colour change,	
	visible fouling, syrupiness and scum formation	
	Processing of food/handling/serving is done in covered areas	
	Water used in the food processing, washing is potable	
	Water used in the beverages or served for drinking is potable	
	Ice is prepared from potable water only	

#### 5. Storage of cooked food

Criteria	Checks	Y/N/NA
Storage of	Cooked food is stored covered and at appropriate temperature	
cooked food	Cold foods at 5 <sup>°</sup> C or below (in refrigerator)	
	Hot foods at 60 <sup>°</sup> C or above (hot holding)	
	Veg. & non-veg. products are stored separately and properly labelled	
	with day and date of preparation	
	Salads, garnishes, or ready-to-eat foods are immediately stored in clean covered containers and refrigerated	

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6.	Preparation	of cooked	food before	serving
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Criteria	Checks	Y/N/NA
Preparation	Cold foods are served cold and hot foods hot	
of cooked	Cooked products are heated up to $70^{\circ}$ C or above before serving	
food before	Cooked food is not left at room temperature for more than 2 hours.	
serving	All uncooked salads, fresh fruits & vegetables etc. are freshly prepared	
	to the extent possible	
	Surplus food is discarded and not mixed up with freshly prepared food	
	Transported cooked food is consumed/used within 4 hours of its arrival	

#### 7. Serving of cooked food

Criteria	Checks	Y/N/NA
Serving of	Food is served in clean and intact utensils/one-time-use disposables	
cooked food	Single use/disposable items are not re-used	
	Clean and non-toxic material is used for packing of food. Printed paper	
	is not used for wrapping/storing or serving food	
	Re-usable serving utensils/items are washed, cleaned & disinfected after	
	each use	
	All tables and food serving counters are kept clean	
Personnel	Personnel serving food wears clean cloths	
Hygiene	Personnel serving food is not handling food with bare hands and uses	
	spatula/ spoon/ hand gloves etc. for serving	

#### 8. Sale or display of food

Criter	ia	Checks	Y/N/NA
Sale	or	Sale/display counters are intact, clean and properly maintained	
display	of	Floor below & behind the counters and display racks are clean	
food		The refrigerators are clean and without off-odors	
		Spoiled and damaged products are not displayed	
		Food products (except whole fruits and vegetables) are kept covered at	
		display counter	
		Counter display of cold foods & beverages is at 5 ° C or below	
		Counter display of hot foods is at 60 ° C or above	
		Veg. & Non-veg. products are properly labelled, displayed separately or	
		physically separated and displayed in separate compartments	
		Products displayed are labelled and name of the product, type (veg. or	
		Non-veg.) manufacturing date & expiry date (if any) shall be written	
		clearly on the label	
		Whether the FIFO (First In First Out), FMFO (First Manufactured First Out), FEFO (First Expired First Out) principles are followed	

## 9. Storage of surplus food

Criteria	Check	Y/N/NA
	8	
Storage of	Surplus food is consumed before 'expiry' / 'use by' date (e.g. packaged	
surplus	milk, cream, sauces etc.) and for other kinds of food, it should be used	
foods	till fit for consumption	
	Surplus food are stored in the refrigerator	
	Surplus thawed food is discarded	
	Perishable products are consumed immediately and not stored for further	
	use	
	Canned products once opened are transferred in the suitable covered	
	containers and kept refrigerated	

#### 10. Quality of water & Ice

Criteria	Checks	Y/N/NA
Cooking	Potable/municipal supply water is used for cooking	
Drinking	Potable water is used for drinking purposes	
Ice (as an	Ice used in beverages etc. is made from potable water	
ingredient)	Ice is stored in clean and leak proof containers	
	Ice is handled hygienically with clean scoops	
Storage in	Food products are packed properly in water proof packaging before putting	
ice	in ice for storage	
	Store raw and cooked products separately	

# 11. Utensils & Equipments

Criteria	Checks	Y/N/NA
Quality/type	Cooking utensils, cutlery and crockery shall be clean and not	
	broken/chipped	
	Cooking utensils, cutlery and crockery shall be made of food grade	
	material	
	Food grade utensils are used for cooking, storage and serving of food	
	products	
Cleaning	Sink of adequate size and running water supply is available for washing	
	utensils/equipments	
	All utensils and equipments are washed with cleaning agent /detergent and	
	rinsed with clean warm water after every use	
	Utensils are not wiped with aprons, soiled cloths, unclean towels, or hands	
	Food contact surfaces, utensils and equipments are kept clean and	
	sanitized between uses	
Storage	Washed utensils and equipments are stored properly and kept inverted at	
	clean and designated place	
	Small equipments are inverted, covered or otherwise protected from dust	
	or contamination	

#### 12. Cleaning & Hygiene of establishment

Criteria	Checks	Y/N/NA
Cleaning	Grills of coolers, air conditioning units, fans, condensers and humidifiers	
	are cleaned at least once a month, and more often if necessary.	
	Area/establishment is cleaned every day before starting work, in	
	between and at the end of the day.	
	Work tables, kitchen aids, taps, door-knobs and sinks are cleaned and	
	disinfected every day	
	Store rooms are cleaned every two weeks or earlier as necessary	
	Floors are free from accumulation of food waste, dirt, grease or other	
	visible obnoxious matters	
	Walls of the establishment are maintained in good repair and kept clean	
	at all times	
	Ceilings are clean and maintained in good repair	
	False ceilings is periodically cleaned to remove accumulation of dust,	
	particles or debris that may fall onto foods	

# 13. Cleaning & Hygiene of surrounding/environment

Criteria	Checks	Y/N/NA
Cleaning	Food preparation and selling areas are clean, dry, well-lit and hygienic	
	Pathways are free from loose mud, cracks, holes, etc., clean and well	
	maintained.	
	No Stagnation of water or mud; which may harbor pests and insects in	
	the vicinity	
	All drainage holes are clean and covered	
Maintenance	Establishment should have a roof/ top covering/canopy	
	Exhaust system is properly functioning	
	Area is well maintained, clean and well illuminated	
	Presence of pets, rodents, any kind of pests and insects	

# 14. Lighting facility

Criteria	Checks	Y/N/NA
Infrastructure	Adequate lighting facilities are provided in the (kitchen, storage serving	
	area) establishment.	
	Lights in the processing, storage and serving areas are shatterproof	
	Adequate lighting facilities are provided in the surrounding area	
Cleaning	All light fixtures are cleaned regularly to remove dirt, dust and cobwebs	

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# 1. Garbage disposal facility

Criteria	Checks	Y/N/NA
Waste bins	Adequate number of waste bins separate for biodegradable and non-	
	biodegradable wastes, are provided for the kitchen and storage area	
	Waste bins are leak proof, kept clean and covered and foot operated	
	Waste bins are located away from immediate vicinity of storage places for	
	food stuffs, clean crockery and clean work surfaces	
	The location of the waste bins are such that it is not carried through the	
	kitchen	
Cleaning	Waste bins are emptied before overflowing and at the end of day's business	
	Waste bins are washed at the end of the day and dried upside down	
	Waste is collected separately and stored in closed & leak proof containers	
	for disposal	
	Waste storage area is free from insects or rodents	

#### 2. Pest control

Criteria	Checks	Y/N/NA
Infrastructure	Screens are put on the open windows and doors.	
	Insect electrocuting device (IED) is provided at the premises for	
	elimination of insects	
	IED is placed at least 1.5 m away from any food handling area	
	Low wall mounted type IED are used in the food establishment	
	Air screens (curtains) are provided between clean and unclean areas	
Maintenance	Any holes or crevices at ceilings, on walls and floors are sealed by	
& cleaning	cement or metal plates	
	Threshold clearance of doors is lowered to not more than 6mm with	
	metal kicking plates or rubber sheets.	
	In case of pest infestation, only permitted insecticides within	
	permissible limits are used avoiding food contamination	
	Any contaminated equipment/utensils and food contact surfaces are	
	thoroughly washed, cleaned and sanitized	
	Any food that has been contaminated by pest control chemicals is disposed off safely so that it is not consumed by any one accidentally	
	Rodenticides and insecticides are not applied while food	
	preparation/production is taking place	
	All food products are kept covered while applying Rodenticides and	
	insecticides	
	Remains of pests/insects are removed promptly	

Y/N/NA

5. Facilities for Personal Hygiene		illes for Personal Hygiene
	Criteria	Checks
	Hand-	Clean hand wash-basin is provided (one for 20 users)
	washing	Soap and adequate water supply is available
		Tissue roll/ paper towel / hand dryer or hand sanitizer is p

#### 3. Facilities for Personal Hygiene

washing	Soap and adequate water supply is available	
	Tissue roll/ paper towel / hand dryer or hand sanitizer is provided near the	
	wash rooms	
	Hand washing area is kept clean at all times	
	Dust bins are provided to keep soiled towels	
Toilets	Any food handling area should not be directly connected to the toilet	
	Toilets are cleaned once daily or frequently as necessary	
	There is no foul odor in the toilets/ surrounding area	
	Adequate water supply is provided in toilets	
	Hand washing facility is provided near the toilet	
Work	Aprons, hand gloves, face masks and head gears/hair nets are provided	
clothing		

# 4. Personnel Hygiene

Criteria	Checks	Y/N/NA
Workers'	Staff members handling food are free from any infectious disease, eczema,	
Health	acne, open wounds to the head, neck, hands or arms	
	Whether health check-up is conducted	
Hand-	Food handlers wash hands under foot operated taps with soap and water	
washing	before handling food, after using toilet/blowing nose/sneezing, rejoining	
	work after break, after working with RM	
	Hands are dried using single use paper/ towel or hand dryer	
Work	Employees wears clean and proper clothing	
clothing	Employees wears clean food grade disposable hand gloves	
outfits	Employees wears clean light colored aprons	
	Employees wears head covers while handling food	
	Separate footwear are used during food handling	
	Cloths and other items are kept out of kitchen and storage areas	
Ornaments & jewellery	All jewelry is removed/covered properly before starting work/handling food	
	Jewelry/ threads/wrist watch/ cosmetics are not worn on hands while handling food	
Nails	Fingernails are trimmed, clean and unpolished	
Wounds	Open sores, cuts or bandages on hands are completely covered while handling food	
Personal	Whether employees have objectionable body odor including strong	
care	deodorants and perfumes	
	Personal hygiene messages may be displayed on prominent places	
Work	Cooked/Ready-to-eat food is handled with spatula/ spoons etc.	
activities	While tasting food, used spoons are cleaned after every single use	
	Ensure no smoking, spitting, tobacco chewing in food handling, service, storage, washing areas	

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