

QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR FOOD PROCESSING

What are Occupational Standards(OS)?

OS describe what individuals need to do, know and understand in order to carry out a particular job role or function

OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding



Contents

	Introduction and ContactsPage 1
2.	Qualifications PackPage 2
3.	Glossary of Key Terms Page 3
ŀ.	OS unitsPage 6
5.	Assessment CriteriaPage 35

Introduction

Qualifications Pack – Craft Baker

SECTOR: FOOD PROCESSING SUB-SECTOR: BREAD AND BAKERY OCCUPATION: PROCESSING REFERENCE ID: FIC/ Q5002 ALIGNED TO: NCO-2004/7412.90 A Craft Baker produces baked pro

A Craft Baker produces baked products (breads, puffs, cookies, cakes/ pastries, desserts, specialty baked products, etc.) in artisan bakeries and patisseries.

Brief Job Description: A Craft Baker produces baked products (breads, puffs, cookies, cakes/ pastries, desserts, specialty baked products, etc.) in artisan bakeries and patisseries by measuring raw materials and ingredients, mixing, kneading, fermenting, shaping, and baking in order to achieve the desired quality and quantity of products.

Personal Attributes: A Craft Baker must have the ability to plan, organize, prioritize, calculate and handle pressure. S/he must ne creative and possess reading, writing and communication skills. In addition, the individual must have stamina to be able to stand for long hours, have personal and professional hygiene and an understanding of food safety standards and requirements.



Qualifications Pack Code	FIC/Q5002		
Job Role	Craft Baker		
Credits (NSQF)	TBD	Version number	1.0
Sector	Food Processing	Drafted on	23/06/2015
Sub-sector	Bread and bakery	Last reviewed on	03/07/2015
Occupation	Processing	Next review date	02/07/2016

Job Role	Craft Baker
Role Description	A Craft Baker produces baked products (breads, puffs, cookies, cakes/ pastries, desserts, specialty baked products, etc.) in artisan bakeries and patisseries.
NSQF level	4
Minimum Educational Qualifications	Class 8
Maximum Educational Qualifications	Not Applicable
Training (Suggested but not mandatory)	 1.Baking process for all baked process 2.Training on food standards for baked products 3. Operation and basic maintenance of various baking machineries and equipment (used in an artisan bakery) 4.GMP 5.HACCP 6.QMS 7.Computer basics 8. Training in food Safety Standards and Regulations (as per FSSAI) (Mandatory)
Experience	NA
Applicable National Occupational Standards (NOS)	 Compulsory: FIC/N5005 Prepare and maintain work area and machineries for producing baked products in artisan bakeries and patisseries FIC/N5006 Prepare for production of baked products in artisan bakeries and patisseries. FIC/N5007 Produce baked products in artisan bakeries and patisseries. FIC/N5008 Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries. FIC/N9001 Food safety, hygiene and sanitation for processing food products Optional: Not applicable



Performance Criteria	As described in the relevant OS units
----------------------	---------------------------------------

Qualifications Pack For Craft Baker



SUC	
U N	
iti	
Li -	
Defi	

Keywords /Terms	Description
Sector	Sector is a conglomeration of different business operations having similar businesses and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.
Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through analysis and form the basis of OS.
Job Role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.
OS	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the knowledge and understanding they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria	Performance Criteria are statements that together specify the standard of performance required when carrying out a task.
NOS	NOS are Occupational Standards which apply uniquely in the Indian context.
Qualifications Pack Code	Qualifications Pack Code is a unique reference code that identifies a qualifications pack.
Qualifications Pack	Qualifications Pack comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A Qualifications Pack is assigned a unique qualification pack code.
Unit Code	Unit Code is a unique identifier for an Occupational Standard , which is denoted by an 'N'
Unit Title	Unit Title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Knowledge and Understanding	Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.
Organizational Context	Organizational Context includes the way the organization is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical Knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills or Generic Skills	Core Skills or Generic Skills are a group of skills that are key to learning and working in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.

Qualifications Pack For Craft Baker



Keywords /Terms	Description
CIP	Clean In Place
СОР	Clean Out Of Place
ERP	Enterprise Resource Planning
FIFO	First In First Out
FEFO	First Expiry First Out
FSSAI	Food Safety and Standards Authority of India
GMP	Good Manufacturing Practices
GHP	Good Hygiene Practices
НАССР	Hazard Analysis and Critical Control Point
NOS	National Occupational Standard
NSQF	National Skill Qualification Framework
NVEQF	National Vocational Educational Qualification Framework
NVQF	National Vocational Qualification Framework
OS	Occupational Standard
PC	Performance Criteria
QP	Qualification Pack
SSC	Sector Skill Council
SOP	Standard Operating Procedure
QMS	Quality Management System





FIC/N5005

Prepare and maintain work area and machineries for producing baked products in artisan bakeries and patisseries

National Occupational Standard



Overview

This OS unit is about preparing work area for hygiene and safety, and ensuring performance, efficiency and maintenance of process machineries and tools for producing baked products in artisan bakeries and patisseries, as per the specifications and standards of the organization.





FIC/N5005 Prepare and maintain work area and machineries for producing baked products in artisan bakeries and patisseries

D
a
ar
St
Da
ō
a ti
bg
n
U
0
e B
ũ
.0
at
Ζ

Unit Code	FIC/N5005
Unit Title(Task)	Prepare and maintain work area and process machineries for producing baked products in artisan bakeries and patisseries
Description	This unit is about preparing work area for hygiene and safety, and ensuring performance, efficiency and maintenance of process machineries and tools for producing baked products in artisan bakeries and patisseries, as per the specifications and standards of the organization.
Scope	 This unit/task covers the following: Prepare and maintain work area (for producing baked products in artisan bakeries and patisseries) Prepare and maintain process machineries and tools (for producing baked products in artisan bakeries and patisseries)
Performance Criteria(P	C) w.r.t. the Scope
Element	Performance Criteria
Prepare and maintain work area (for producing baked products in artisan bakeries and patisseries)	 PC1. clean and maintain the cleanliness of the work area using approved sanitizers and keep it free from dust, waste, flies and pests PC2. ensure that the work area is safe and hygienic for food processing PC3. dispose waste materials as per defined SOP's and industry requirements
Prepare and maintain process machineries and tools (for producing baked products in artisan bakeries and patisseries)	 PC4. check the working and performance of all machineries and tools used for production PC5. clean the machineries and tools used with approved sanitizers following specifications and SOPs PC6. place the necessary tools required for the process PC7. attend minor repairs/ faults of machines, if required
Knowledge and Unders	tanding (K)
A. Organizational Context (Knowledge of the organization and its processes)	 The user/individual on the job needs to know and understand: KA1. organization standards, process standards and procedures followed in the organization KA2. types of products produced by the organization KA3. code of business conduct KA4. dress code to be followed KA5. job responsibilities/duties and standard operating procedures KA6. internal processes such as procurement, store management, inventory management, quality management and key contact points for query resolution KA7. provision of wages, working hours as per organization policy KA8. food safety and hygiene standards followed
B. Technical Knowledge	 The user/individual on the job needs to know and understand: KB1. types of chemicals, materials and equipment required for cleaning and maintenance KB2. cleaning process to disinfect equipment/ tools

NOS
National Occupational Standards



FIC/N5005	Prepare and maintain work area and machineries for producing
	baked products in artisan bakeries and patisseries
	 KB3. knowledge on Food Safety Standards and Regulations (as per FSSAI) KB4. supplier/manufacturers instructions related to cleaning and maintenance KB5. knowledge on legal regulations pertaining to work place such as health and safety, recommended dosage for use of sanitizers, control of substances hazardous to health, handling/storage/ disposal/ cautions for use of sanitizers and disinfectants, fire precautions/ occurrences, hygiene practice, disposal of waste, environmental protection, etc.
Skills (S) [Optional]	
A. Core Skills/	Writing Skills
Generic Skills	 The user/ individual on the job needs to know and understand how to: SA1. note the information communicated by the supervisor SA2. note the raw materials used for production and the finished products produced SA3. note the readings of the process parameters and provide necessary information to fill the process chart SA4. note down observations (if any) related to the process SA5. write information documents to internal departments/ internal teams SA6. note down the data for ERP or as required by the organization Reading Skills The user/individual on the job needs to know and understand how to: SA7. read and interpret the process required for producing various types of products SA8. read and interpret and process flowchart for all products produced SA9. read equipment manuals and process documents to understand the equipment operation and process requirement SA10. read internal information documents sent by internal teams
	Oral Communication (Listening and Speaking skills)The user/individual on the job needs to know and understand how to :SA11. discuss task lists, schedules and activities with the supervisorSA12. effectively communicate with the team membersSA13. question the supervisor in order to understand the nature of the problem and to clarify queriesSA14. attentively listen and comprehend the information given by the speakerSA15. communicate clearly with the supervisor and cross department team on the issues faced
B. Professional Skills	Decision Making
	 The user/individual on the job needs to know and understand how to: SB1. analyse critical points in day to day tasks through experience and observation and identify control measures to solve the issue SB2. handle issues in case the supervisor is not available (as per the authority matrix defined by the organization) Plan and Organize
	The user/individual on the job needs to know and understand how to: SB3. plan and organize the work order and jobs received from the supervisor SB4. organize raw materials and packaging materials required for all products following the instruction provided by the supervisor





FIC/N5005	Prepare and maintain work area and machineries for producing baked products in artisan bakeries and patisseries
	SB5. plan and prioritize the work based on the instructions received from the
	supervisor
	SB6. plan to utilise time and equipment's effectively
	SB7. organize all process/ equipment manuals so as to access information easily
	SB8. support the supervisor in scheduling tasks for helper(s)
	Customer Centricity
	The user/individual on the job needs to know and understand how to:
	SB9. understand customer requirements and their priority and respond as per their
	needs
	Problem Solving
	The user/individual on the job needs to know and understand how to:
	SB10. support supervisor in solving problems by detailing out problems
	SB11. discuss the possible solutions with the supervisor for problem solving
	Analytical Thinking
	The user/individual on the job needs to know and understand how to:
	SB12. apply domain information about maintenance processes and technical knowledge about tools and equipment
	Critical Thinking
	The user/individual on the job needs to know and understand how to:
	SB13. use common sense and make judgments on day to day basis
	SB14. use reasoning skills to identify and resolve basic problems
	SB15. use intuition to detect any potential problems which could arise during operations
	SB16. use acquired knowledge of the process for identifying and handling issues



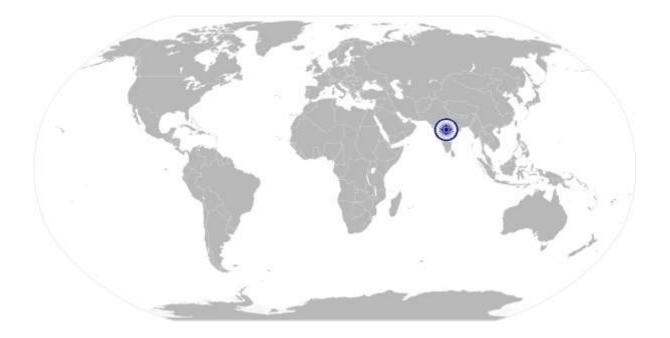


FIC/N5005 Prepare and maintain work area and machineries for producing baked products in artisan bakeries and patisseries

NOS Version Control

NOS Code		FIC/N5005	
Credits (NSQF)	TBD	Version number	1.0
Industry	Food Processing	Drafted on	23/06/2015
Industry Sub-sector	Bread and bakery	Last reviewed on	03/07/2015
Occupation	Processing	Next review date	02/07/2016

Back to Top







FIC/N5006

Prepare for production of baked products in artisan bakeries and patisseries

National Occupational Standard



Overview

This OS unit is about preparation of raw materials and machineries for production of various baked products in artisan bakeries and patisseries.





FIC/N5006 Prepare for production of baked products in artisan bakeries and patisseries

	Unit Code	FIC/N5006	
	Unit Title(Task)	Prepare for production of baked products in artisan bakeries and patisseries	
	Description	This unit is about preparation of raw materials and machineries for production of various baked products in artisan bakeries and patisseries.	
	Scope	 The scope of this role will include: Production Planning (for producing baked products in artisan bakeries and patisseries) Plan equipment utilization and manpower (for producing baked products in artisan bakeries and patisseries) Prepare for baking (for producing baked products in artisan bakeries and patisseries) 	
1	Performance Criteria(P	C) w.r.t. the Scope	
	Element	Performance Criteria	
	Production Planning (for producing baked products in artisan bakeries and patisseries)	 PC1. read and understand the production order from the supervisor (or) calculate the type of products and quantity of products to be produced based on sales of the outlet PC2. check the availability of raw materials, packaging materials, equipment and manpower PC3. plan production sequence by: grouping products which are of the same type (fermented/unfermented products) selecting raw materials that do not impact the quality of the other using the same equipment and machinery for various products planning maximum capacity utilization of machineries considering the process time for each product planning efficient utilization of resources/manpower PC4. calculate the batch size based on the production order and machine capacity PC5. calculate the raw material requirement (considering the process loss) to produce the required quantity of finished product(s) PC6. calculate the raw materials (including ingredients, if any), packaging materials and manpower requirement for the completing the order 	
	Plan equipment utilization and	PC7. check the working and performance of equipment required for the baking process	
	manpower (for producing baked	PC8. calculate the lead time from mixing to oven loading for effective utilization of baking equipments	
	producing baked products in artisan	PC9. plan batch size considering full capacity utilization of equipments	
	bakeries and patisseries)	PC10. plan to utilize equipments for multiple products without affecting the quality of the finished products, and to optimize production and save energy	
		PC11. allot responsibilities/ work to the assistants and helpers	





FIC/N5006	Prepare for production of baked products in artisan bakeries and
Prepare for Baking (for producing baked products in artisan bakeries and patisseries)	Peripare for production of baked products in artisan bakenes and patisseries PC12. refer to the process chart/ product flow chart/formulation chart for product(s) produced PC13. check the conformance of raw material quality to organization standards through physical parameters such as appearance, colour, texture, etc. PC14. weigh the raw materials required for the batch (including ingredients, additives, preservatives, etc.) accurately, considering that exact quantity of ingredients and additives are responsible for final yield and quality of the finished products PC15. start machine and check its working and performance, make minor adjustments or repairs (if required)
	PC16. keep tools accessible to attend repairs/faults in case of breakdown
Knowledge and Unders	
B. Organizational Context (Knowledge of the organization and its processes)	 The user/individual on the job needs to know and understand: KA1. organization standards, process standards and procedures followed in the organization KA2. types of products produced by the organization KA3. code of business conduct KA4. dress code to be followed KA5. job responsibilities/duties and standard operating procedures KA6. internal processes such as procurement, store management, inventory management, quality management and key contact points for query resolution KA7. provision of wages, working hours as per organization policy KA8. food safety and hygiene standards followed
B. Technical Knowledge	The user/individual on the job needs to know and understand: KB1. types of raw materials (including ingredients) and various baked products KB2. methods for baking various types of baked product KB3. types of machineries used for baking various products and machineries KB4. basic maintenance of baking equipments KB5. supplier/manufacturers instructions related to machineries KB6. basic mathematics KB7. calculation of raw material for required quantity of finished product KB8. quality parameters and quality assessment based on physical parameters KB9. food safety and hygiene KB10.knowledge on Food Safety Standards and Regulations (as per FSSAI) KB11.GMP KB12.HACCP
Skills (S)	
Core Skills/ Generic	Writing Skills



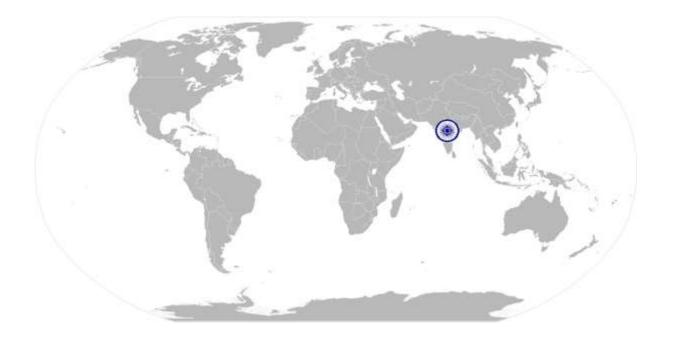


FIC/N5006	Prepare for production of baked products in artisan bakeries and patisseries
Skills	The user/ individual on the job needs to know and understand how to: SA1. note the information communicated by the supervisor SA2. note the raw materials used for production and the finished products
	produced SA3. note the readings of the process parameters and provide necessary
	information to fill the process chart
	SA4. note down observations (if any) related to the process SA5. write information documents to internal departments/ internal teams
	SA6. note down the data for ERP or as required by the organization
	Reading Skills
	The user/individual on the job needs to know and understand how to:
	SA7. read and interpret the process required for producing various types of products
	SA8. read and interpret and process flowchart for all products produced
	SA9. read equipment manuals and process documents to understand the
	equipment operation and process requirement SA10. read internal information documents sent by internal teams
	Oral Communication (Listening and Speaking skills)
	The user/individual on the job needs to know and understand how to :
	SA11. discuss task lists, schedules and activities with the supervisor
	SA12. effectively communicate with the team members
	SA13. question the supervisor in order to understand the nature of the problem and to clarify queries
	SA14. attentively listen and comprehend the information given by the speaker SA15. communicate clearly with the supervisor and cross department team on the
	issues faced
B. Professional Skills	Decision Making
	The user/individual on the job needs to know and understand how to: SB1. analyse critical points in day to day tasks through experience and observation and identify control measures to solve the issue
	SB2. handle issues in case the supervisor is not available (as per the authority matrix defined by the organization)
	Plan and Organize
	The user/individual on the job needs to know and understand how to:
	SB3. plan and organize the work order and jobs received from the supervisor
	SB4. organize raw materials and packaging materials required for all products
	following the instruction provided by the supervisor
	SB5. plan and prioritize the work based on the instructions received from the
	supervisor SB6. plan to utilise time and equipment's effectively
	SB7. organize all process/ equipment manuals so as to access information easily
	SB8. support the supervisor in scheduling tasks for helper(s)
	Customer Centricity
	The user/individual on the job needs to know and understand how to:
	SB9. understand customer requirements and their priority and respond as per their needs
	Problem Solving





FIC/N5006	Prepare for production of baked products in artisan bakeries and		
patisseries			
	SB10. support supervisor in solving problems by detailing out problems		
	SB11. discuss the possible solutions with the supervisor for problem solving		
	Analytical Thinking		
	The user/individual on the job needs to know and understand how to:		
	SB12. apply domain information about maintenance processes and technical		
	knowledge about tools and equipment		
	Critical Thinking		
	The user/individual on the job needs to know and understand how to:		
	SB13. use common sense and make judgments on day to day basis		
	SB14. use reasoning skills to identify and resolve basic problems		
	SB15. use intuition to detect any potential problems which could arise during operations		
	SB16. use acquired knowledge of the process for identifying and handling issues		





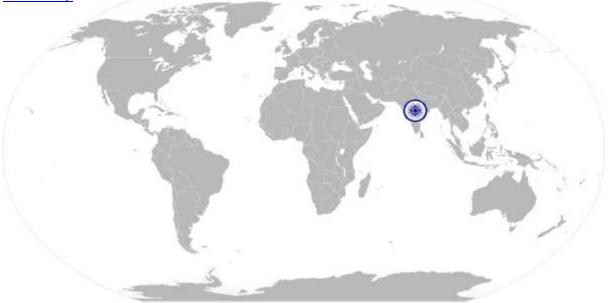


FIC/N5006 Prepare for production of baked products in artisan bakeries and patisseries

NOS Version Control

NOS Code		FIC/N5006	
Credits (NSQF)	TBD	Version number	1.0
Industry	Food Processing	Drafted on	23/06/2015
Industry Sub-sector	Bread and bakery	Last reviewed on	03/07/2015
Occupation	Processing	Next review date	02/07/2016

Back to Top







FIC/N5007 Produce baked products in artisan bakeries and patisseries

National Occupational Standard



Overview

This OS unit is about producing various baked products using required equipments and acquired skills as per the defined SOPs, in artisan bakeries and patisseries.





FIC/N5007	Produce baked products in artisan bakeries and patisseries	
Unit Code	FIC/N5007	
Unit Title(Task)	Produce baked products in artisan bakeries and patisseries.	
Description	This OS unit is about producing various baked products using required equipments and acquired skills as per the defined SOPs, in artisan bakeries and patisseries.	
Scope	 The scope of this role will include: Mix ingredients Fermentation and prooofing dough Roll, shape, cut and mould Bake products Design and develop speciality baked products Post production cleaning and regular maintenance of equipments 	
Performance Criteria	n(PC) w.r.t. the Scope	
Element	Performance Criteria	
Mix ingredients	 PC1. check the quality of ingredients through physical parameters such as appearance, colour, odour, texture, etc. for its conformance to organization standards PC2. weigh and accurately measure all ingredients as per formulation and transfer the weighed raw materials to the working bench/ mixing table PC3. cream the shortenings till they reach the required consistency PC4. knead/mix the ingredient to prepare dough/batter of required consistency PC5. check the quality of the dough/batter for its conformance to the defined SOPs 	
Fermentation and proofing dough	 PC6. transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. repeat stretch and fold four to five times to obtain desired consistency PC10. cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of parameters such as temperature/humidity during 	
Roll, shape, cut and mould	 bread mould out of proof box after dough has rise to specified height PC14. sprinkle flour on dough and work bench to prevent dough from sticking, and roll dough to desired thickness with rolling pin to make cookies and biscuits 	
	PC15. cut the dough to desired shape using cookie cutter, spread or sprinkle	

NOS
National Occupational Standards



FIC/N5007	Produce baked products in artisan bakeries and patisseries
	toppings on the shaped dough
	PC16. grease or flour the baking pans and place the shaped dough in it
	PC17. pour the measured quantity of batter(cake batter) into the moulds of
	various shape
Bake products	PC18. start the oven and set the temperature for preheating
	PC19. set the oven temperature and baking time for the product referring to the process parameter chart, load the filled baking pans in the oven and observe spacing between the pans
	PC20. monitor oven parameters such as temperature and time during baking process
	PC21. observe colour of baking product to detect over baking and to achieve finished product of uniform quality
	PC22. unload the baked products from the oven and check the quality of the
	product through physical parameters such as colour, size, appearance,
	texture, aroma, etc. and ensure that the product meets the required standards
	PC23. unload the pans/trays immediately after removing from the oven and place baked product on the cooling racks for cooling, and stack the emptied baking pans in the designated area
	PC24. adjust or reset controls to load the next batch/ product in the oven
	PC25. weigh the baked product to check the yield (from raw material to finished
	product)
	PC26. slice, pack, label and store the product following the product requirement / defined SOP's
	PC27. report discrepancies/concerns in each stage of production to department
	supervisor for immediate action
Design and develop specialty bakery products	PC28. create designs based on concepts of colour, shape, texture, pattern, form, etc. or check designs from production order for developing specialty bakery products such as wedding cakes, celebration cakes, etc.
products	PC29. organize tools and equipments required for filling, trimming, masking, covering, decoration and storage of specialty bakery products
	PC30. check the quality of finishing materials such as icings, fondants, glazes,
	chocolate, fruits, grains, nuts, etc. required for preparation of specialty
	bakery products
	PC31. cut and shape the cake for decoration
	PC32. prepare icings, fondants, colours, fruits, etc. required according to the design
	PC33. apply glazes, icings, or other toppings to baked goods using spatulas, brushes, piping bags, etc.
	PC34. check the decorated product for its conformance to customer order or organization standards
	PC35. check and maintain cleanliness and required storage conditions for the product
	PC36. set and maintain temperature of the refrigeration system for storage of finished product
	PC37. store the specialty bakery products following the product requirement and defined SOPs
Post production	PC38. clean the work area, machineries, equipment and tools using recommended
cleaning and regular	cleaning agents and sanitizers
maintenance of	PC39. attend minor repairs/faults of all machines (if any)
equipments	PC40. ensure periodic (daily/weekly/monthly/quarterly/half yearly/annual)
•	

NOS
National Occupational Standards



FIC/N5007	Produce baked products in artisan bakeries and patisseries
	maintenance of all machines and equipment following the SOP or following
	suppliers instructions/manuals
Knowledge and Unders	standing (K)
C. Organizational	The user/individual on the job needs to know and understand:
Context	KA1. organization standards, process standards and procedures followed in the
(Knowledge of the	organization
organization and	KA2. types of products produced by the organization
its processes)	KA3. code of business conduct
	KA4. dress code to be followed
	KA5. job responsibilities/duties and standard operating procedures
	KA6. internal processes such as procurement, store management, inventory
	management, quality management and key contact points for query resolution
	KA7. provision of wages, working hours as per organization policy
	KA8. food safety and hygiene standards followed
B. Technical	The user/individual on the job needs to know and understand:
Knowledge	KB1. types of raw materials, ingredients and finishing materials required for
into medge	making various baked products
	KB2. production process, process parameters and formulation for all types of
	various baked products
	KB3. types of machineries used for baking various products and machineries used
	in the organization
	KB4. handling and maintenance of baking equipments
	KB5. hand in machine safety
	KB6. process parameters and machine parameters for all products handled
	KB7. basic mathematics
	KB8. quality parameters, quality standards to be maintained and quality
	assessment based on physical parameters
	KB9. types of packaging materials for various type of products
	KB10. types of chemicals, materials, tools and equipment required for cleaning and
	maintenance
	KB11. clean-in-place and clean-out-of-place methods and procedures KB12. methods to clean and disinfect equipments, tools and work area
	KB12. fireflous to clean and disinfect equipments, tools and work area KB13. food safety and hygiene
	KB14. knowledge on Food Safety Standards and Regulations (as per FSSAI)
	KB15. GMP
	KB16. HACCP
Skills (S)	
B. Core Skills/	Writing Skills
Generic Skills	The user/ individual on the job needs to know and understand how to:
	SA1. note the information communicated by the supervisor
	SA2. note the raw materials used for production and the finished products
	produced
	SA3. note the readings of the process parameters and provide necessary
	information to fill the process chart
	SA4. note down observations (if any) related to the process SA5. Write information documents to internal departments/ internal teams
	SAS. Write mornation documents to internal departments/ internal teams SA6. Note down the data for ERP or as required by the organization
	Job wole down the data for Ene of as required by the organization



NOS	
National Occupational Standards	

FIC/N5007	Produce baked products in artisan bakeries and patisseries
	Reading Skills
	The user/individual on the job needs to know and understand how to:
	SA7. read and interpret the process required for producing various types of
	products SA8. read and interpret and process flowchart for all products produced
	SA9. read equipment manuals and process documents to understand the
	equipment operation and process requirement
	SA10. read internal information documents sent by internal teams
	Oral Communication (Listening and Speaking skills)
	The user/individual on the job needs to know and understand how to :
	SA11. discuss task lists, schedules and activities with the supervisor
	SA12. effectively communicate with the team members
	SA13. question the supervisor in order to understand the nature of the problem and to clarify queries
	SA14. attentively listen and comprehend the information given by the speaker
	SA15. communicate clearly with the supervisor and cross department team on the
	issues faced
B. Professional Skills	Decision Making
	The user/individual on the job needs to know and understand how to:
	SB1. analyse critical points in day to day tasks through experience and observation
	and identify control measures to solve the issue
	SB2. handle issues in case the supervisor is not available (as per the authority
	matrix defined by the organization
	Plan and Organize
	The user/individual on the job needs to know and understand how to:
	SB3. plan and organize the work order and jobs received from the supervisor
	SB4. organize raw materials and packaging materials required for all products
	following the instruction provided by the supervisor
	SB5. plan and prioritize the work based on the instructions received from the supervisor
	SB6. plan to utilise time and equipment's effectively
	SB7. organize all process/ equipment manuals so as to access information easily
	SB8. support the supervisor in scheduling tasks for helper(s)
	Customer Centricity
	The user/individual on the job needs to know and understand how to:
	SB9. understand customer requirements and their priority and respond as per
	their needs
	Problem Solving
	The user/individual on the job needs to know and understand how to:
	SB10. support supervisor in solving problems by detailing out problems
	SB11. discuss the possible solutions with the supervisor for problem solving
	Analytical Thinking
	The user/individual on the job needs to know and understand how to:
	SB12. apply domain information about maintenance processes and technical
	SB12. apply domain information about maintenance processes and technical knowledge about tools and equipment
	knowledge about tools and equipment Critical Thinking
	knowledge about tools and equipment





FIC/N5007	Produce baked products in artisan bakeries and patisseries
	SB15. use intuition to detect any potential problems which could arise during
	operations
	SB16. use acquired knowledge of the process for identifying and handling issues





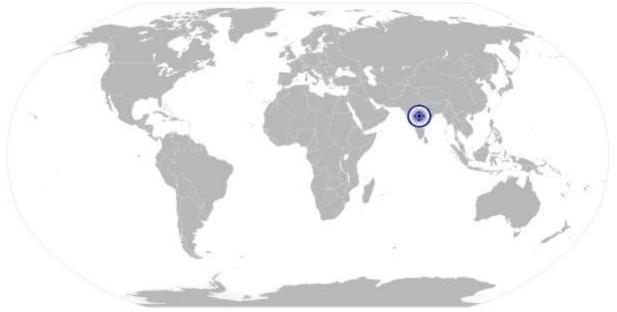


FIC/N5007 Produce baked products in artisan bakeries and patisseries

NOS Version Control

NOS Code	FIC/N5007		
Credits (NSQF)	TBD	Version number	1.0
Industry	Food Processing	Drafted on	23/06/2015
Industry Sub-sector	Bread and bakery	Last reviewed on	03/07/2015
Occupation	Processing	Next review date	02/07/2016

Back to Top







FIC/N5008

Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries.

National Occupational Standard



Overview

This OS unit is about documenting and maintaining records of raw materials, process and finished products related to production of baked products in artisan bakeries and patisseries.



FIC/N5008 Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries.

Unit Code	FIC/N5008
Unit Title(Task)	Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries.
Description	This unit is about documenting and maintaining records of raw materials, process and finished products, related to production of baked products in artisan bakeries and patisseries.
Scope	 This unit/task covers the following: Document and maintain records of raw materials (related to production of baked products in artisan bakeries and patisseries) Document and maintain record of production schedule and process parameters (related to production of baked products in artisan bakeries and patisseries) Document and maintain record of finished products (related to production of baked products in artisan bakeries and patisseries) Document and maintain record of finished products (related to production of baked products in artisan bakeries and patisseries)
Performance Criteria(P	PC) w.r.t. the Scope
Element	Performance Criteria
Document and maintain record of raw materials (related to production of baked products in artisan bakeries and patisseries) Document and	 PC1. document and maintain record of details of all raw materials used such as names of raw materials, supplier details, receiving date/ date of manufacture, expiry date, supplier quality document, quality parameters for all raw materials, internal quality analysis report, etc., as per organization standards PC2. maintain record of observations (if any) related to raw materials and packaging materials PC3. load the raw material details in computer or in the ERP system followed by the organization for future reference PC4. verify the documents and track from finished product to raw materials, in case of quality concerns and during quality management system audits PC5. document and maintain records of production details such as the product
maintain record of production schedule and process parameters (related to production of baked products in	 produced, production sequence, equipment and machinery details, efficiency and capacity utilization of equipment, etc. PC6. document and maintain records of process details such as type of raw material used, process parameters (temperature, time etc. as applicable) for the entire process in process chart or production log for all products produced
artisan bakeries and patisseries)	 PC7. document and maintain record of batch size, raw material used, yield after each stage of process, wastage, energy utilization and final products produced PC8. maintain record of observations or deviations (if any) related to production and process parameters PC9. load the production and process parameter details in computer or in the ERP system followed by the organization for future reference
	PC10. verify documents and track them from finished product to raw materials, in case of quality concerns, and during quality management system audits



FIC/N5008	Complete documentation and record keeping related to production
	of baked products in artisan bakeries and patisseries.

Document and	PC11. document and maintain records of finished products details such as name of		
maintain records of	the product, batch number, time of packing, date of manufacture, date of		
the finished products			
(related to	finished products, storage conditions, etc., as per organization standards		
production of baked	PC12. maintain record of observations or deviations (if any) related to finished		
products in artisan	products		
bakeries and	PC13. load the finished product details in computer or in the ERP system followed		
patisseries.)	by the organization for future reference		
p=====;	PC14. verify the documents and track them from finished product to raw materials,		
	in case of quality concerns, and during quality management system audits		
Knowledge and Unders			
D. Organizational	The user/individual on the job needs to know and understand:		
Context	KA1. organization standards, process standards and procedures followed in the		
(Knowledge of the	organization		
organization and	KA2. types of products produced by the organization		
its processes)	KA3. code of business conduct		
, , ,	KA4. dress code to be followed		
	KA5. job responsibilities/duties and standard operating procedures		
	KA6. internal processes such as procurement, store management, inventory		
	management, quality management and key contact points for query		
	resolution		
	KA7. provision of wages, working hours as per organization policy		
	KA8. food safety and hygiene standards followed		
B. Technical	The user/individual on the job needs to know and understand:		
Knowledge	KB1. documentation system followed in the organization such as production chart,		
	process chart and finished goods chart		
	KB2. details to be recorded on raw materials and dough prepared		
	KB3. details to be recorded and maintained on production sequence and process		
	parameters		
	KB4. methods to record and maintain record of observations (if any) related to raw		
	materials, process and finished products		
	KB5. method to track back the record from prepared dough to raw material		
	KB6. basic computer knowledge		
	KB7. knowledge on Food Safety Standards and Regulations (as per FSSAI)		
	KB8. enter details in ERP system followed by the organization		
Skills (S)			
	Writing Skills		
C. Core Skills/ Generic Skills	Writing Skills		
Generic Skills	The user/ individual on the job needs to know and understand how to:		
	SA1. note the information communicated by the supervisor		
	SA2. note the raw materials used for production and the finished products		
	produced		
	SA3. note the readings of the process parameters and provide necessary		
	information to fill the process chart		
	SA4. note down observations (if any) related to the process		
	SA5. write information documents to internal departments/ internal teams		
	SA6. note down the data for ERP or as required by the organization		
	Reading Skills		



FIC/N5008 Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries.

	The user/individual on the job needs to know and understand how to:		
	SA7. read and interpret the process required for producing various types of		
	products		
	SA8. read and interpret and process flowchart for all products produced		
	SA9. read equipment manuals and process documents to understand the		
	equipment operation and process requirement		
	SA10. read internal information documents sent by internal teams		
	Oral Communication (Listening and Speaking skills)		
	The user/individual on the job needs to know and understand how to :		
	SA11. discuss task lists, schedules and activities with the supervisor		
	SA12. effectively communicate with the team members		
	SA13. question the supervisor in order to understand the nature of the problem		
	and to clarify queries		
	SA14. attentively listen and comprehend the information given by the speaker		
	SA15. communicate clearly with the supervisor and cross department team on the		
	issues faced		
B. Professional Skills	Decision Making		
D. Professional Skills			
	The user/individual on the job needs to know and understand how to:		
	SB1. analyse critical points in day to day tasks through experience and		
	observation and identify control measures to solve the issue		
	SB2. handle issues in case the supervisor is not available (as per the authority		
	matrix defined by the organization		
	Plan and Organize		
	The user/individual on the job needs to know and understand how to:		
	SB3. plan and organize the work order and jobs received from the supervisor		
	SB4. organize raw materials and packaging materials required for all products		
	following the instruction provided by the supervisor		
	SB5. plan and prioritize the work based on the instructions received from the		
	supervisor		
	SB6. plan to utilise time and equipment's effectively		
	SB7. organize all process/ equipment manuals so as to access information easily		
	SB8. support the supervisor in scheduling tasks for helper(s)		
	Customer Centricity		
	The user/individual on the job needs to know and understand how to:		
	SB9. understand customer requirements and their priority and respond as per		
	their needs		
	Problem Solving		
	The user/individual on the job needs to know and understand how to:		
	SB10. support supervisor in solving problems by detailing out problems		
	SB11. discuss the possible solutions with the supervisor for problem solving		
	Analytical Thinking		
	The user/individual on the job needs to know and understand how to:		
	SB12. apply domain information about maintenance processes and technical		
	knowledge about tools and equipment		
	Critical Thinking		
	The user/individual on the job needs to know and understand how to:		





FIC/N5008 Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries.

1		
	SB13.	use common sense and make judgments on day to day basis
	SB14.	use reasoning skills to identify and resolve basic problems
	SB15.	use intuition to detect any potential problems which could arise during
		operations
	SB16.	use acquired knowledge of the process for identifying and handling issues





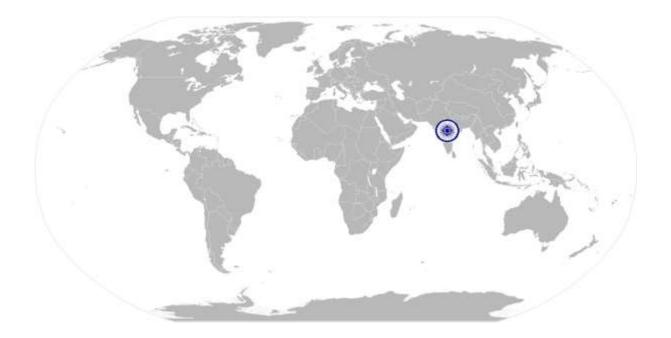


FIC/N5008 Complete documentation and record keeping related to production of baked products in artisan bakeries and patisseries.

NOS Version Control

NOS Code	FIC/N5008		
Credits (NSQF)	TBD	Version number	1.0
Industry	Food Processing	Drafted on	23/06/2015
Industry Sub-sector	Bread and bakery	Last reviewed on	03/07/2015
Occupation	Processing	Next review date	02/07/2016

Back to Top







FIC/N9001

Food safety, hygiene and sanitation for processing food products

National Occupational Standard



Overview

This OS unit is about maintaining food safety, hygiene and sanitation in work area and processing unit for processing food products.



FIC/N9001

Food safety, hygiene and sanitation for processing food products

Unit Code	FIC/N9001	
Unit Title(Task)	Food safety, hygiene and sanitation for processing food products	
Description	This unit is about maintaining food safety, hygiene and sanitation in work area and processing unit, for processing food products.	
Scope	 The scope of this role will include: Perform safety and sanitation related functions (for processing food products) Apply food safety practices (for processing food products 	
Performance Criteria(F	PC) w.r.t. the Scope	
Element	Performance Criteria	
Perform safety and sanitation related functions (for processing food products)	 PC1. comply with food safety and hygiene procedures followed in the organization PC2. ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. PC3. ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters PC4. pack products in appropriate packaging materials, label and store them in designated area, free from pests, flies and infestations PC5. clean, maintain and monitor food processing equipment periodically, using it only for the specified purpose PC6. use safety equipment such as fire extinguisher, first aid kit and eye-wash station when required PC7. follow housekeeping practices by having designated area for materials/tools PC8. follow industry standards such as GMP and HACCP and product recall process PC9. attend training on hazard management to understand types of hazards such as physical, chemical and biological hazards and measures to control and prevent them PC10. identify, document and report problems such as rodents and pests to management PC11. conduct workplace checklist audits before and after work to ensure safety and hygiene PC12. document and maintain raw material, packaging material, process and finished products for the credibility and effectiveness of the food safety control system 	
Apply food safety practices (for processing food products)	 PC13. determine the quality of food using criteria such as aroma, appearance, taste and best before date, and take immediate measures to prevent spoilage PC14. store raw materials, finished products, allergens separately to prevent cross-contamination PC15. label raw materials and finished products and store them in designated storage areas according to safe food practices PC16. follow stock rotation based on FEFO/ FIFO 	





FIC/N9001	Food safety, hygiene and sanitation for processing food products
Knowledge and Unders	standing (K)
E. Organizational Context (Knowledge of the organization and its processes)	 The user/individual on the job needs to know and understand: KA1. organization standards, process standards and procedures followed in the organization KA2. types of products produced by the organization KA3. code of business conduct KA4. dress code to be followed KA5. job responsibilities/duties and standard operating procedures KA6. internal processes such as procurement, store management, inventory management, quality management and key contact points for query
	resolution KA7. provision of wages, working hours as per organization policy KA8. food safety and hygiene standards followed
B. Technical Knowledge	 The user/individual on the job needs to know and understand: KB1. possible physical, chemical and biological hazards and methods of prevention of various hazards KB2. personal hygiene requirement KB3. different types of sanitizers used for process area, equipment and the procedure to use them KB4. knowledge on Food Safety Standards and Regulations (as per FSSAI) KB5. quality parameters and quality assessment based on physical parameters, basic food microbiology KB6. labelling/marking requirements for raw materials, finished goods, stored materials, packaging materials and their designated storage area KB7. cleaning and sanitation of equipment and work area KB8. CIP and COP methods and procedures KB9. storage norms for raw materials, packaging material and finished products KB10. stock rotation of ingredients and finished products based on FEFO/FIFO KB11. method of maintaining safety check lists for all machineries KB12. GHP KB13.GMP KB14.HACCP
Skills (S)	
D. Core Skills/ Generic Skills	Writing SkillsThe user/ individual on the job needs to know and understand how to:SA1. note the information communicated by the supervisorSA2. note the raw materials used for production and the finished products producedSA3. note the readings of the process parameters and provide necessary information to fill the process chartSA4. note down observations (if any) related to the processSA5. write information documents to internal departments/ internal teams SA6. note down the data for ERP or as required by the organizationReading SkillsThe user/individual on the job needs to know and understand how to:SA7. read and interpret the process required for producing various types of productsSA8. read and interpret and process flowchart for all products producedSA9. read equipment manuals and process documents to understand the

NOS
National Occupational Standards



FIC/N9001	Food safety, hygiene and sanitation for processing food products
	equipment operation and process requirement
	SA10. read internal information documents sent by internal teams
	Oral Communication (Listening and Speaking skills)
	The user/individual on the job needs to know and understand how to :
	SA11. discuss task lists, schedules and activities with the supervisor
	SA12. effectively communicate with the team members
	SA13. question the supervisor in order to understand the nature of the problem and
	to clarify queries
	SA14. attentively listen and comprehend the information given by the speaker
	SA15. communicate clearly with the supervisor and cross department team on the
	issues faced
B. Professional Skills	Decision Making
	The user/individual on the job needs to know and understand how to:
	SB1. analyse critical points in day to day tasks through experience and observation
	and identify control measures to solve the issue
	SB2. handle issues in case the supervisor is not available (as per the authority
	matrix defined by the organization)
	Plan and Organize
	The user/individual on the job needs to know and understand how to:
	SB3. plan and organize the work order and jobs received from the supervisor
	SB4. organize raw materials and packaging materials required for all products
	following the instruction provided by the supervisor
	SB5. plan and prioritize the work based on the instructions received from the
	supervisor
	SB6. plan to utilise time and equipment's effectively
	SB7. organize all process/ equipment manuals so as to access information easily
	SB8. support the supervisor in scheduling tasks for helper(s)
	Customer Centricity
	The user/individual on the job needs to know and understand how to:
	SB9. understand customer requirements and their priority and respond as per
	their needs
	Problem Solving
	The user/individual on the job needs to know and understand how to:
	SB10. support supervisor in solving problems by detailing out problems
	SB11. discuss the possible solutions with the supervisor for problem solving
	Analytical Thinking
	The user/individual on the job needs to know and understand how to:
	SB12. apply domain information about maintenance processes and technical
	knowledge about tools and equipment
	Critical Thinking
	The user/individual on the job needs to know and understand how to:
	SB13. use common sense and make judgments on day to day basis
	SB14. use reasoning skills to identify and resolve basic problems
	SB15. use intuition to detect any potential problems which could arise during
	operations
	SB16. use acquired knowledge of the process for identifying and handling issues





FIC/N9001 Food safety, hygiene and sanitation for processing food products <u>NOS Version Control</u>

NOS Code		FIC/N9001	
Credits (NSQF)	TBD	Version number	1.0
Industry	Food Processing	Drafted on	23/06/2015
Industry Sub-sector	Bread and bakery	Last reviewed on	03/07/2015
Occupation	Processing	Next review date	02/07/2016

Back to Top



CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Craft Baker

Qualification Pack FIC/Q5002

Sector Skill Council Food Processing

Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC

2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC

3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)

4. Individual assessment agencies will create unique evaulations for skill practical for every student at each examination/training center based on this criteria

5. To pass the Qualification Pack , every trainee should score a minimum of 50% in every NOS and overall 50% pass percentage in every QP

6. To pass the Qualification Pack , every trainee should score a minimum of 33% in Theory and 50% in Practical

7. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

				Marks A	llocation	
			Total Marks	Out Of	Theory	Skills Practical
1.FIC/N5005(Prepare and maintain work area and machineries for producing baked products in artisan	PC1.	Clean and maintain the cleanliness of the work area using approved sanitizers and keep it free from dust, waste, flies and pests		25	10	15
bakeries and patisseries)	PC2.	Ensure that the work area is safe and hygienic for food processing		10	3	7
	PC3.	Dispose waste materials as per standard operating procedures and industry requirements	100	15	5	10
	PC4.	Check the working and performance of all machineries and tools used for production		15	5	10
	PC5.	Clean the machineries and tools used with approved sanitizers following specifications and SOPs		15	5	10
	PC6.	Place the necessary tools required for the process		5	2	3





1		Assessment Criteria	r			
	PC7.	Attend minor repairs/ faults of machines, if required		15	5	10
				100	35	65
2. FIC/N5006(Prepare for production of baked products in artisan bakeries and patisseries)	PC1.	Read and understand the production order from the supervisor (or) calculate the type of products and quantity of products to be produced based on sales of the outlet		10	4	6
	PC2.	Check the availability of raw materials, packaging materials, equipment and manpower		5	2	3
	PC3.	 Plan production sequence by: Grouping products which are of the same type (fermented/unfermented products) Selecting raw materials that do not impact the quality of the other Using the same equipment and machinery for various products Planning maximum capacity utilization of machineries Considering the process time for each product Planning efficient utilization of resources/manpower Prioritizing urgent orders 	100	15	5	10
	PC4.	Calculate the batch size based on the production order and machine capacity		5	2	3
	PC5.	Calculate the raw material requirement (considering the process loss) to produce the required quantity of finished product(s)		5	2	3
	PC6.	Calculate the raw materials (including ingredients, if any), packaging materials and manpower requirement for the completing the order		5	2	3





	Assessment Criteria				
PC7.	Check the working and performance of equipment required for the baking process		7	2	5
PC8.	Calculate the lead time from mixing to oven loading for effective utilization of baking equipments		7	2	5
PC9.	Plan batch size considering full capacity utilization of equipments		3	1	2
PC10.	Plan to utilize equipments for multiple products without affecting the quality of the finished products, and to optimize production and save energy		3	1	2
PC11.	Allot responsibilities/ work to the assistants and helpers"		5	2	3
PC12.	Refer to the process chart/ product flow chart/formulation chart for product(s) produced		5	1	4
PC13.	Check the conformance of raw material quality to organization standards through physical parameters such as appearance, colour, texture, etc.		5	1	4
PC14.	Weigh the raw materials required for the batch (including ingredients, additives, preservatives, etc.) accurately, considering that exact quantity of ingredients and additives are responsible for final yield and quality of the finished products		5	1	4
PC15.	Start machine and check its working and performance, make minor adjustments or repairs (if required)		10	5	5
PC16.	Keep tools accessible to attend repairs/faults in case of breakdown		5	2	3
			100	35	65
PC1.	Check the quality of ingredients through physical parameters such as appearance, colour, odour, texture, etc. For its conformance to organization standards	100	5	2	3
	PC8. PC9. PC10. PC11. PC12. PC13. PC14. PC14.	 PC7. Check the working and performance of equipment required for the baking process PC8. Calculate the lead time from mixing to oven loading for effective utilization of baking equipments PC9. Plan batch size considering full capacity utilization of equipments for multiple products without affecting the quality of the finished products, and to optimize production and save energy PC11. Allot responsibilities/ work to the assistants and helpers" PC12. Refer to the process chart/ product flow chart/formulation chart for product(s) produced PC13. Check the conformance of raw material quality to organization standards through physical parameters such as appearance, colour, texture, etc. PC14. Weigh the raw materials required for the batch (including ingredients, additives, preservatives, etc.) accurately, considering that exact quantity of ingredients and additives are responsible for final yield and quality of the finished products PC15. Start machine and check its working and performance, make minor adjustments or repairs (if required) PC16. Keep tools accessible to attend repairs/faults in case of breakdown PC14. Check the quality of ingredients and adjustments or repairs (if required) PC15. Start machine and check its working and performance, make minor adjustments or repairs (if required) PC16. Keep tools accessible to attend repairs/faults in case of breakdown 	PC7. Check the working and performance of equipment required for the baking process PC8. Calculate the lead time from mixing to oven loading for effective utilization of baking equipments PC9. Plan batch size considering full capacity utilization of equipments PC10. Plan to utilize equipments for multiple products without affecting the quality of the finished products, and to optimize production and save energy PC11. Allot responsibilities/ work to the assistants and helpers" PC12. Refer to the process chart/ product flow chart/formulation chart for product(s) produced PC13. Check the conformance of raw material quality to organization standards through physical parameters such as appearance, colour, texture, etc. PC14. Weigh the raw materials required for the batch (including ingredients, additives, preservatives, etc.) accurately, considering that exact quantity of ingredients and additives are responsible for final yield and quality of the finished products PC15. Start machine and check its working and performance, make minor adjustments or repairs (if required) PC16. Keep tools accessible to attend repairs/faults in case of breakdown PC16. Keep tools accessible to attend repairs/faults in case of breakdown	PC7. Check the working and performance of equipment required for the baking process 7 PC8. Calculate the lead time from mixing to oven loading for effective utilization of baking equipments 7 PC9. Plan batch size considering full capacity utilization of equipments 3 PC10. Plan to utilize equipments for multiple products without affecting the quality of the finished products, and to optimize production and save energy 3 PC11. Allot responsibilities/ work to the assistants and helpers" 5 PC12. Refer to the process chart/ product flow chart/formulation chart for product(s) produced 5 PC13. Check the conformance of raw material quality to organization standards through physical parameters such as appearance, colour, texture, etc. 5 PC14. Weigh the raw materials required for the batch (including ingredients, additives, preservatives, etc.) accurately, considering that exact quantity of ingredients and additives are responsible for final yield and quality of the finished products 5 PC15. Start machine and check its working and performance, make minor adjustments or repairs (if required) 10 PC16. Keep tools accessible to attend repairs/faults in case of breakdown 5 PC16. Check the quality of ingredients through physical parameters such as appearance, colour, dour, texture, etc. 100	PC7.Check the working and performance of equipment required for the baking process72PC8.Calculate the lead time from mixing to oven loading for effective utilization of baking equipments72PC9.Plan batch size considering full capacity utilization of equipments31PC10.Plan to utilize equipments for multiple products without affecting the quality of the finished products, and to optimize production and save energy31PC11.Allot responsibilities/ work to the assistants and helpers"52PC12.Refer to the process chart/ product flow chart/formulation chart for product(s) produced51PC13.Check the conformance of raw material quality to organization standards through physical parameters such as appearance, colour, texture, etc.51PC14.Weigh the raw materials required for the batch (including ingredients, additives, preservatives, etc.) accurately, considering that exact quantity of the finished products51PC15.Start machine and check its working and performance, make minor adjustments or repairs (if required)52PC16.Keep tools accessible to attend repairs/faults in case of breakdown52PC1.Check the quality of ingredients appearance, colour, dour, texture, etc. For its conformance to10035





 Weigh and accurately measure all ingredients as per formulation and transfer the weighed raw materials to the working bench/ mixing table C3. Cream the shortenings till it reach the required consistency C4. Knead/mix the ingredient to prepare dough/batter of required consistency C5. Check the quality of the dough/batter for its conformance to the defined SOP's C6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filed with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough for maximum dough and work bench to prevent dough form
 transfer the weighed raw materials to the working bench/mixing table C3. Cream the shortenings till it reach the required consistency C4. Knead/mix the ingredient to prepare dough/batter of required consistency C5. Check the quality of the dough/batter for its conformance to the defined SOP's C6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
 the working bench/ mixing table C23. Cream the shortenings till it reach the required consistency C4. Knead/mix the ingredient to prepare dough/batter of required consistency C5. Check the quality of the dough/batter for its conformance to the defined SOP's C6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
 C3. Cream the shortenings till it reach the required consistency C4. Knead/mix the ingredient to prepare dough/batter of required consistency C5. Check the quality of the dough/batter for its conformance to the defined SOP's C6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
 C3. Cream the shortenings till it reach the required consistency C4. Knead/mix the ingredient to prepare dough/batter of required consistency C5. Check the quality of the dough/batter for its conformance to the defined SOP's C6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
 the required consistency PC4. Knead/mix the ingredient to prepare dough/batter of required consistency PC5. Check the quality of the dough/batter for its conformance to the defined SOP's PC6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 C4. Knead/mix the ingredient to prepare dough/batter of required consistency C5. Check the quality of the dough/batter for its conformance to the defined SOP's C6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
 dough/batter of required consistency CS. Check the quality of the dough/batter for its conformance to the defined SOP's CG. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation C7. Dust the table with flour and transfer the dough from the container to the table dusted with flour C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation C9. Repeat stretch and fold four to five times to obtain desired consistency C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
 for its conformance to the defined SOP's PC6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 SOP's PC6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 PC6. Transfer the dough into a container and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 and allow it to stand for specified time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 time for fermentation and periodically check the consistency and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 periodically check the consistency and texture to determine the level of fermentation Dust the table with flour and transfer the dough from the container to the table dusted with flour Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation Repeat stretch and fold four to five times to obtain desired consistency Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height Sprinkle flour on dough and work bench to prevent dough from
 and texture to determine the level of fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
fermentation PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height
 PC7. Dust the table with flour and transfer the dough from the container to the table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 the dough from the container to the table dusted with flour 2C8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation 2C9. Repeat stretch and fold four to five times to obtain desired consistency 2C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape 2C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 table dusted with flour PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 PC8. Stretch and fold the fermented dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 dough for degassing, brush the dough surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 surface to remove excess flour and transfer dough back to the dough container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 container for continued fermentation PC9. Repeat stretch and fold four to five times to obtain desired consistency PC10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
times to obtain desired consistency 2C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape 2C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
times to obtain desired consistency 2C10. Cut the dough and weigh the quantity required for making the product and mould dough into loaves or form to desired shape 2C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
required for making the product and mould dough into loaves or form to desired shape 2C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
required for making the product and mould dough into loaves or form to desired shape 2C11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
 mould dough into loaves or form to desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
desired shape PC11. Sprinkle topping such as spices, cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
 cereals, seeds, etc. for making special rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans 2C12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
rolls or breads and place the loaves or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
or shaped dough in the bread box/mould or baking pans PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 PC12. Check the water level in the proof box and set to the required time, temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
temperature and humidity and load the proof box with the bread box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
box/mould filled with dough, following production sequence 2C13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
following production sequence PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
 PC13. Monitor proof box parameters such as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
as temperature/humidity during proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
proofing process, monitor raising of dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
dough in the proof box and remove the bread mould out of proof box after dough has rise to specified height 2C14. Sprinkle flour on dough and work bench to prevent dough from
the bread mould out of proof box after dough has rise to specified height C14. Sprinkle flour on dough and work bench to prevent dough from
after dough has rise to specified height PC14. Sprinkle flour on dough and work bench to prevent dough from
height C14. Sprinkle flour on dough and work bench to prevent dough from
C14. Sprinkle flour on dough and work bench to prevent dough from
bench to prevent dough from
sticking, and roll dough to desired
thickness with rolling pin to make

5	2	3
2	0.5	1.5
5	2	3
5	2	3
2	0.5	1.5
5	2	3
2	0.5	1.5
2	0.5	1.5
2	0.5	1.5
3	1	2
2	1	1
2	1	1
2	0.5	1.5





	Assessment Criteria
	cookies and biscuits
DC1E	Cut the dough to desired shape using
PC15.	Cut the dough to desired shape using cookie cutter, spread or sprinkle
	toppings on the shaped dough
PC16	Grease or flour the baking pans and
1 C10.	place the shaped dough in it
PC17	Pour the measured quantity of batter(
1017.	cake batter) into the moulds of
	various shape
PC18.	Start the oven and set the
	temperature for preheating
PC19.	Set the oven temperature and baking
	time for the product referring to the
	process parameter chart, load the
	filled baking pans in the oven and
	observe spacing between the pans
PC20.	
	temperature and time during baking
	process
PC21.	Observe colour of baking product to
	detect over baking and to achieve
	finished product of uniform quality
PC22.	Unload the baked products from the
	oven and check the quality of the
	product through physical parameters
	such as colour, size, appearance,
	texture, aroma, etc. And ensure that
	the product meets the required
0022	standards
PC23.	Unload the pans/trays immediately
	after removing from the oven and
	place baked product on the cooling racks for cooling, and stack the
	emptied baking pans in the
	designated area
PC24	Adjust or reset controls to load the
1 624.	next batch/ product in the oven
	next batchy product in the oven
PC25.	Weigh the baked product to check
	the yield (from raw material to
	finished product)
PC26.	Slice, pack, label and store the
	product following the product
	requirement / defined SOP's
	-
PC27.	Report discrepancies/concerns in
	each stage of production to
	department supervisor for immediate
	action

1	0.5	0.5
2	0.5	1.5
2	0.5	1.5
2	0.5	1.5
2	0.5	1.5
2	0.5	1.5
2	0.5	1.5
2	0.5	1.5
2	1	1
2	1	1
2	1	1
2	1	1
2	1	1
		L





	Assessment Chteria	,	т	τ	1
	PC28. Create designs based on concepts of colour, shape, texture, pattern, form, etc. Or check designs from production order for developing specialty bakery products such as wedding cakes, celebration cakes, etc.		2	1	1
	PC29. Organize tools and equipments required for filling, trimming, masking, covering, decoration and storage of specialty bakery products		2	0.5	1.5
	PC30. Check the quality of finishing materials such as icings, fondants, glazes, chocolate, fruits, grains, nuts, etc. Required for preparation of specialty bakery products		2	0.5	1.5
	PC31. Cut and shape the cake for decoration		2	0.5	1.5
	PC32. Prepare icings, fondants, colours, fruits, etc. Required according to the design		3	1	2
	PC33. Apply glazes, icings, or other toppings to baked goods using spatulas, brushes, piping bags, etc.		3	1	2
	PC34. Check the decorated product for its conformance to customer order or organization standards		2	0.5	1.5
	PC35. Check and maintain cleanliness and required storage conditions for the product		1	0.5	0.5
	PC36. Set and maintain temperature of the refrigeration system for storage of finished product		3	1	2
	PC37. Store the specialty bakery products following the product requirement and defined sops		3	1	2
	PC38. Clean the work area, machineries, equipment and tools using recommended cleaning agents and sanitizers		3	1	2
	PC39. Attend minor repairs/faults of all machines (if any)		2	0.5	1.5
	PC40. Ensure periodic (daily/weekly/monthly/quarterly/half yearly/annual) maintenance of all machines and equipment following the SOP or following suppliers instructions/manuals		3	1	2
			100	35	65
4. FIC/N5008 (Complete documentation and	PC1. Document and maintain record of details of all raw materials used such	100	10	6	4





	1	Assessment Criteria				
record keeping related		as names of raw materials, supplier				
to production of baked		details, receiving date/ date of				
products in artisan		manufacture, expiry date, supplier				
bakeries and patisseries)		quality document, quality				
		parameters for all raw materials,				
		internal quality analysis report, etc.,				
		as per organization standards				
	PC2.	Maintain record of observations (if				
	_	any) related to raw materials and		_	-	
		packaging materials		5	3	2
		pacing indications				
	PC3.	Load the raw material details in				
		computer or in the ERP system				
		followed by the organization for		5	3	2
		future reference		-	_	
	PC4.	Verify the documents and track				
		from finished product to raw				
		materials, in case of quality				
		concerns and during quality		5	3	2
		management system audits				
	PC5.	Document and maintain records of				
	1 65.	production details such as the product				
		produced, production sequence,		10	6	4
		equipment and machinery details,		10	0	4
		efficiency and capacity utilization of				
		equipment, etc.				
	PC6.	Document and maintain records of				
	FC0.					
		process details such as type of raw				
		material used, process parameters				
		(temperature, time etc. as applicable)		15	9	6
		for the entire process in process chart				
		or production log for all products				
		produced				
	0.07					
	PC7.	Document and maintain record of				
		batch size, raw material used, yield				
		after each stage of process, wastage,		10	6	4
		energy utilization and final products				
		produced				
	200					
	PC8.	Maintain record of observations or				
		deviations (if any) related to		5	3	2
		production and process parameters				
	DCO	Load the production and process				
	PC9.	Load the production and process				
		parameter details in computer or in		-	n	2
		the ERP system followed by the		5	3	2
		organization for future reference				
	DC10	Varify documants and track them				
	PCIU.	Verify documents and track them		5	3	2
1		from finished product to raw	I l			





		Assessment Criteria				
		materials, in case of quality concerns,				
		and during quality management				
		system audits				
	PC11.	Document and maintain records of				
		finished products details such as				
		name of the product, batch number,				
		-				
		time of packing, date of manufacture,				
		date of expiry, other label details,		10	6	4
		primary and secondary packaging				
		materials for all finished products,				
		storage conditions, etc., as per				
		organization standards				
		-				
	PC12.	Maintain record of observations or				
		deviations (if any) related to finished		_	-	
		products		5	3	2
		p. 04400				
	PC13	Load the finished product details in	1 1			
	. 515.	computer or in the ERP system				
		followed by the organization for		5	3	2
		future reference		5	5	
		tuture reference				
	DC14	Varify the desumants and track them				
	PC14.	Verify the documents and track them				
		from finished product to raw				
		materials, in case of quality concerns,		5	3	2
		and during quality management				
		system audits				
		system audits				
		system audits		100	60	40
5. FIC/N9001 (Food	PC1.	system audits Comply with food safety and hygiene		100	60	40
	PC1.	Comply with food safety and hygiene				
safety, hygiene and	PC1.	Comply with food safety and hygiene procedures followed in the		100 5	60 2	40 3
safety, hygiene and sanitation for processing	PC1.	Comply with food safety and hygiene				
safety, hygiene and		Comply with food safety and hygiene procedures followed in the organization				
safety, hygiene and sanitation for processing	PC1. PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of		5	2	3
safety, hygiene and sanitation for processing		Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs,				
safety, hygiene and sanitation for processing		Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc.		5	2	3
safety, hygiene and sanitation for processing		Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients,		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store		5	2	3 5 3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store them in designated area, free from		5	2	3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store		5	2	3 5 3
safety, hygiene and sanitation for processing	PC2.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store them in designated area, free from		5	2	3 5 3
safety, hygiene and sanitation for processing	PC2. PC3. PC4.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store them in designated area, free from pests, flies and infestations		5 5 10	2 1 2 4	3 5 3 6
safety, hygiene and sanitation for processing	PC2. PC3. PC4.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store them in designated area, free from pests, flies and infestations Clean maintain and monitor food		5	2	3 5 3
safety, hygiene and sanitation for processing	PC2. PC3. PC4. PC5.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store them in designated area, free from pests, flies and infestations Clean maintain and monitor food processing equipment periodically, using it only for specified purpose		5 6 5 10 5	2 1 2 4 2	3 5 3 6
safety, hygiene and sanitation for processing	PC2. PC3. PC4.	Comply with food safety and hygiene procedures followed in the organization Ensure personal hygiene by using of gloves, hairnets, masks, ear plugs, goggles, shoes, etc. Ensure hygienic production of food by inspecting raw materials, ingredients, finished products, etc. for compliance to physical, chemical and microbiological parameters Pack products in appropriate packaging materials, label and store them in designated area, free from pests, flies and infestations Clean maintain and monitor food processing equipment periodically,		5 5 10	2 1 2 4	3 5 3 6

NOS National Occupational Standards



	Assessment Criteria		
	extinguisher, first aid kit and eye- wash station when required		
PC7.	Follow housekeeping practices by having designated area for materials/tools	5	
PC8.	Follow industry standards like GMP and HACCP and product recall process	10	
PC9.	Attend training on hazard management to understand types of hazards such as physical, chemical and biological hazards and measures to control and prevent them	5	
PC10.	Identify, document and report problems such as rodents and pests to management	5	
PC11.	Conduct workplace checklist audits before and after work to ensure safety and hygiene	5	
PC12.	Document and maintain raw material, packaging material, process and finished products for the credibility and effectiveness of the food safety control system	4	
PC13.	Determine the quality of food using criteria such as aroma, appearance, taste and best before date, and take immediate measures to prevent spoilage	5	
PC14.	Store raw materials, finished products, allergens separately to prevent cross-contamination	5	
PC15.	Label raw materials and finished products and store them in designated storage areas according to safe food practices	5	
PC16.	Follow stock rotation based on FEFO / FIFO	10	
		100	

SSC	QPCode	Name of the QP	NSQF Level	Equipment Name	Min. no. of Equipment required (per batch of 30 trainees)		Is this a mandatory Equipment to be available at the Training Center (Yes/No)	Dimension/Specification/Description of the Equipment/ ANY OTHER REMARK
Food Processing	FIC/Q5002	Craft Baker	4	Lab Scale Ovens	2	pieces	Yes	Electrical, 2 Deck Oven, Min. 4 Tray (3kw each)
Food Processing	FIC/Q5002	Craft Baker	4	Baking Sheet & Racks	2	pieces	Yes	Min. 4 rack x 2 sets (electrical of 2 kw each)
Food Processing	FIC/Q5002	Craft Baker	4	Commercial Mixers	2	pieces	Yes	Min. 2 kg capacity (electrical 300w each)
Food Processing	FIC/Q5002	Craft Baker	4	Wire Whiskers	1	pieces	Yes	Fire resistant with wood handle
Food Processing	FIC/Q5002	Craft Baker	4	Refrigerator	1	pieces	Yes	Min. 100 liters (1kw)
Food Processing	FIC/Q5002	Craft Baker	4	Refrigerator	1	pieces	No	300 liters (1.5kw)
Food Processing	FIC/Q5002	Craft Baker	4	Fryer	1	pieces	Yes	electrical fryer – Min. 1 kg (SS made, 500w)
Food Processing	FIC/Q5002	Craft Baker	4	Baking Pan	2	pieces	Yes	Loaf pan/ Pie pan/ cake Pan (electrical 300w each)
Food Processing	FIC/Q5002	Craft Baker	4	Cooling Racks	2	pieces	Yes	with small blower (50w)
Food Processing	FIC/Q5002	Craft Baker		Bread Slicer Manual/ Mechnical	1	pieces	Yes	with a 50w motor

		ſ		1 1				
Food Processing	FIC/Q5002	Craft Baker	4	Cake Decorative Tools	2	pieces	Yes	
Food Processing	FIC/Q5002	Craft Baker	4	Bread Slicer Manual	1	pieces	Yes	
Food Processing	FIC/Q5002	Craft Baker	4	Knives	2	pieces	Yes	of all types
Food Processing	FIC/Q5002	Craft Baker	4	Spatula	2	pieces	Yes	of all sizes
Food Processing	FIC/Q5002	Craft Baker	4	Utensils	5	pieces	Yes	min. 1 kg capacity SS utensils with lids, 6 – 7 SS plates 12" diameter
Food Processing	FIC/Q5002	Craft Baker	4	Mixing Bowl	2	pieces	Yes	of different sizes 2lit to 3lit capacity
Food Processing	FIC/Q5002	Craft Baker	4	Work Table	2	pieces	Yes	4' x 10' SS tables
Food Processing	FIC/Q5002	Craft Baker	4	Sinks	2	pieces	Yes	with water connection
Food Processing	FIC/Q5002	Craft Baker	4	Measuring Cup & Spoon	2	pieces	Yes	1 set is of 10 ml/ 50 ml/100 ml/250 ml/ 500 ml
Food Processing	FIC/Q5002	Craft Baker	4	Thermometer	3	pieces	Yes	2 of them should measure about 400 degree Celsius. One of them at below freezing
Food Processing	FIC/Q5002	Craft Baker	4	Timer	2	pieces	Yes	
Food Processing	FIC/Q5002	Craft Baker	4	Digital Hygrometer	2	pieces	Yes	
Food Processing	FIC/Q5002	Craft Baker	4	Lab Equipment For Testing	1	pieces	no	simple microscope, grinding machine (small size), plate heater
Food Processing	FIC/Q5002	Craft Baker	4	Lab Chemicals For Testing And Glassware	1	pieces	No	beaker, test tube, measuring cylinder, Petri dish, glass slides
Food Processing	FIC/Q5002	Craft Baker	4	Packing, Wraps Rolls	1	pieces	Yes	Food grade Aluminum foils

Food Processing	FIC/Q5002	Craft Baker	4	Packing, Wraps Rolls	1	pieces	Yes	Food grade HDPE film transparent
Food Processing	FIC/Q5002	Craft Baker	4	Aprons	30	pieces	Yes	For all students (returnable basis)
Food Processing	FIC/Q5002	Craft Baker	4	Cleaning Tools	1	pieces	Yes	
Food Processing	FIC/Q5002	Craft Baker	4	Weighing Scale	1	pieces	Yes	Min. 5kg
Food Processing	FIC/Q5002	Craft Baker	4	Gas Burner (Lpg)	1	pieces	Yes	attached to LPG commercial cylinder
Food Processing	FIC/Q5002	Craft Baker	4	Lpg Cylinders	2	pieces	Yes	each cylinder should run for 120 hrs (refill cost@Rs1500/ per cylinder)
Food Processing	FIC/Q5002	Craft Baker	4	Heat Resistant Gloves, Protective Gloves	1	pieces	Yes	Set of one dozen @ Rs. 500/ per dozen
Food Processing	FIC/Q5002	Craft Baker	4	Fire Extinguishers	2	pieces	Yes	near the gas burner/ LPG cylinders and ovens
Food Processing	FIC/Q5002	Craft Baker	4	High Speed Exhausts	2	pieces	Yes	one on each wall of the lab
Food Processing	FIC/Q5002	Craft Baker	4	Masks – Head Cover, Mouth Cover	35	pieces	Yes	re usable