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## Nepal Industrial and Business Sector Occupational Standard (OS) of Fruit and Vegetable Processor Level-2 (Foreman level)



In jointly implemented by



# Occupational classification linkage with NSCO

Occupational Title:	Fruit and Vegetable Processor
Level:	2 (Foreman Level)
Sector:	Agriculture
Sub – Sector:	Fruit and Vegetable production
OS ID No.:	AG-005-078
Major Group:	7
Sub-major Group:	75
Minor Group:	751
Unit Group:	7514

## **Occupation Specific Employers Panel:**

S.N.	Name	Designation	Organization
1.	Saugat Rijal	Production Incharge	Rijal Food and Beverage
2.	Ramkrishna Chaulagain	Proprietor	RK Syau Prasodhan Tatha Phalphul Utpadan Kendra
3.	Kumar Shrestha	Owner	Jyoti Food Product
4.	Bishnu Prasad Pathak	Managing Director	Pathak F. and E.V. Pvt. Ltd.
5.	Prashant Poudel	Quality Department	Premier Food and Beverage Industry Pvt. Ltd.
6.	Chiranjibi Sapkota	Founder	Sapkota Banana Farm
7.	Dandapani Gautam	Founder	Gautam Krishi Farm
8.	Rishi Gurung	President	Swarnim Ekikrit Krishak Samuh
9.	Tej Bahadur Sherchan	Founder	Three Sister Pickle and Titaura Udhyog
10.	Laxman Lamichhane	Proprietor	PSK Traders and Khadya Udyog
11.	Bimal Duwadi	General Manager	United Beverage Pvt. Ltd
12.	Diwash Chaudhary	Director	United Beverage Pvt. Ltd

## **Occupation Specific Expert Workers Panel:**

S.N.	Name	Designation	Organization
1.	Bishnu Bahadur Shahi	Manager	Karnali Krishi Pasupanchhi Tatha Biu Udham
2.	Bina Subedi	Fruit and Vegetable Processor	Saya Juice Center
3.	Sakaar Dulal	Supervisor Technician	Himalaya Agro Industries
4.	Shambhu Thakur	Branch Manager	Rijal Tashi Industries Pvt. Ltd.
5.	Radha Tiwari	Quality supervisor	PSK Traders and Food Industry
6.	Sijan Kattel	Assistant Quality Controller	United Beverage Pvt. Ltd.
7.	Roman Pandey	Assistant Quality Control Officer	United Beverage Pvt. Ltd.
8.	Tanka Maya Ale	Fruit and Vegetable Processor	Three Sisters Pickle and Titaura Industry
9.	Sanu Maya Gurung	Assistant Quality Controller	Three Sisters Pickle and Titaura Industry
10.	Deepak Mahato	Fruit and Vegetable Processor	Chaudhary Brothers Food Industry
11.	Bikram Sapkota	Founder/ Processing Manger	Arya Foods
12.	Anjan Singha	Fruit and Vegetable Processor	Aama Foods

## OS Development Workshop facilitated by:

S.N.	Name	Designation	Organization
1.	Harischandra Sapkota	Facilitator	Freelance
2.	Srijana Katuwal	Co-facilitator / Recorder	Freelancer

## OS Reviewed by ELMS Agriculture Sector Working Group:

S.N.	Name	Designation	Organization
1.	Mr. Govinda Ghemire	Advisor, Export Promotion Committee	FNCCI
2.	Mr. Krishna Prasad Adhikari	Vice President	CNI
3.	Ms. Shanta Basnskota Koirala	Secretary General, Woman Entrepreneur Committee	FNCSI
4.	Mr. Khemraj Kafle	Agriculture Sector Expert	ELMS

## OS Verified by ELMS Technical Advisory Committee:

S.N.	Name	Designation	Organization
1.	Dr. Mahesh Nath Parajuli	Professor	KU
2.	Mr. Kul Bahadur Phadera	Under secretary	MoEST
3.	Mr. Pravat Uprety	Associate Prof.	TU
4.	Mr. Kishor KC	Statistics Officer	CBS
5.	Ms. Sarada Ghimire	Dy. Director	CTEVT, Curriculum Division
6.	Mr. Keshab Ghimire	Dy. Director	CTEVT, NSTB

S.N.	Name	Designation	Organization
1.	Mr. Rabin Kumar Shrestha	Focal Person/Ex EC member	FNCCI
2.	Mr. Sumit Kumar Kedia	Executive committee member	FNCCI
3.	Mr. Birendra Raj Pandey	Vice –president	CNI
4.	Mr. Megh Nath Neupane	Senior - Consultant	CNI
5.	Ms. Shobha Gurung	Vice president	FNCSI
6.	Mr. Mohan Katuwal	Vice president	FNCSI
7.	Mr. Binayak Shah	Senior-vice president	HAN
8.	Mr. Sajan Shakya	Secretary General	HAN
9.	Mr. Nicholas Pandey	Senior Vice President	FCAN
10.	Mr. Roshan Dahal	General Secretary	FCAN

#### **OS Approved by ELMS Board:**

S.N.	Name	Designation	Organization
1.	Mr. Shekhar Golchha	Head of the organization	FNCCI
2.	Mr. Vishnu Kumar Agarwal	Head of the organization	CNI
3.	Mr. Shyam Prasad Giri	Head of the organization	FNCSI
4.	Ms. Srijana Rana	Head of the organization	HAN
5.	Mr. Rabi Singh	Head of the organization	FCAN
6.	Mr. Chandra Kanta Adhikari	Member Secretary	ELMS

#### **Occupational Description:**

A Fruit and Vegetable Processor deals with supplying safe, nutritious, and acceptable food to consumers throughout the year. Processing is done in order to increase the shelf life of fruits and vegetables. Processing activities are canning, drying, freezing, and preparation of juices, jams, and jellies. The steps includes preparation of the raw material by cleaning, trimming, and peeling followed by cooking, canning and freezing. Fruits and vegetables' businesses can be categorized into three categories which are 1) wholesalers and traders 2) processors and exporters and 3) Supermarkets, retailers, and emerging online companies. Generally, processors have their own farms and they are involved in packaging, branding, and selling of their products.

Few processors purchase fruits and vegetables from the market and processed them. According to employers' panel members, one of the major obstacles for this agri-businesses in Nepal is lack of skilled processors or lack of skills and knowledge. Most farmers' involved in vegetables and fruits are turned-entrepreneurs. Many face difficulties in expanding their business because of a lack of commercial guidance and technical knowledge. Only 40 juice industries (small and medium sized) are registered in Nepal among which ten are running at national level. In each juice industries, five (Level-2 processors) are employed. Till date, Level-2 Fruit and Vegetable processors are produced by apprenticeship. Indian employees have dominated fruits', turmeric, and chilly processing industries of Nepal.

The occupation Fruits and Vegetable Processor Level-2 (Foreman Level) describes the individual with required knowledge for applying basic method of performance, knowledge to select tools, equipment and materials appropriate for the given task. He/she possess the ability to apply basic theory and principle of the common duties and tasks to solve the given assignment. Further, the performer has ability to act independently in simple core skills and can work under the supervision of supervisor for some higher level of tasks to ensure the technicality as a co-worker. This individual has to operate machines and supervises assistant worker and labour in the team. Nepal's industrial & business sector expects Individual reserving set level of skills, knowledge and attitudes which reflect for the improvement of production/services and workers' productivity.

#### Occupational and environmental safety:

The environmental effects of fruit and vegetable processing industries are air pollution, water pollution, sound pollution and land pollution due to the application of different preservatives, production of waste products and different gas. Application of air filters, modern technology and renewable energy sources can minimize air pollution. In order to minimize water pollution, treatment of used water, installation of water treatment plants, safe disposal and recycling of non-degradable waste, and management of proper drainage system will be instrumental. Locating industries far from residential areas, use of insulated buildings and use of modern technology can aid in minimizing sound pollution. Use of organic chemicals should be promoted in case of minimizing land pollution. Similarly, minimal usage of chemicals should be done for minimizing both water and land pollution. Generally, effluents and solid

waste are generated in massive scale in the fruit and vegetable processing industry. Concentrated organic load, suspended solids (fiber and solid particles), cleansing and blanching agents as well as pesticide residues from the washed raw materials are present in the waste. Lack of proper management of solid wastes and effluents can create odor problems. Hence, management of waste and dumping site should be done for minimizing both air, odor and land pollution created by the fruit and vegetable processing industry.

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## **Minimum Job Entry Requirement:**

As per the labor law, the Nepalese citizen aged 18 years and above and competent as per this occupation standards are eligible to enter in this occupation. To cope the required knowledge and tasks performance standard of this occupation 10<sup>th</sup> grade graduates or equivalent qualification are suggested to enter in the skills and knowledge impartation courses.

#### Worker's traits:

The desired workers traits for the Fruit and Vegetable Processor are mentally and physically fit people who are strong, disciplined and have positive attitude as well as a good sense of humor. Individuals who are good team player, passionate, courteous, and virtuous and provide prompt response to the assignment are desired in this sector. Additionally, individual having friendly behavior, good interpersonal skills and exhibiting strong organizational loyalty, professional ethics and good attitude of personal hygiene are essential attributes needed to enter in this occupation. Someone who is responsible, polite, honest, cooperative, time management skills and a sense of ownership are highly anticipated for this occupation. In addition to this, individuals who are accountable, responsible, patient, inquisitive, diligent as well as someone who maintains confidentiality and is open to giving / receiving feedback is highly desired in this occupation.

## Occupational career path:

- Above the Position: Senior Fruit and Vegetable Processor: Supervisor or Level-3
- Current Position: Fruit and Vegetable Processor: Level-2 or Foreman Level
- Below the Position: Assistant Fruit and Vegetable Processor: Factory assistant or Level-1

Task Level		Rating number and their meaning
Significance	:	1- Important; 2- Moderately important; 3-Highly important.
Ease	:	1- Easy; 2-Moderately easy; 3-Very easy.
Occurrence	:	1-Rarely occurred; 2-Moderately occurred; 3-Frequently occurred.
N/A		Not Applicable
OS	:	Occupation Standard
FNCCI	:	Federation of Nepalese Chamber of Commerce & Industries
CNI	:	Confederation of Nepalese Industries
FNCSI	:	Federation of Nepalese Cottage & Small Industries
FCAN	:	Federation of Construction Association Nepal
HAN	:	Hotel Association Nepal
ELMS	:	Employers Led Market Secretariat
SWG	:	Sector Working Group
TAC	:	Technical Advisory Committee
SOP	:	Standard Operating Procedure
KU	:	Kathmandu University
MoEST	:	Ministry of Education, Science & Technology
TU	:	Tribhuvan University
CBS	:	Central Beauro of Statics

## Abbreviation used:

CTEVT	: Council of Technical Education and Vocational Training	
NSTB	: National Skill Testing Board	
Div.	: Division	
PPM	: Parts Per Million	
CIP	: Clean In Place	
COP	: Clean Out of Place	
VCTS	: Vehicle and Consignment Tracking System	
LTLT	: Low Temperature Long Time	
HTST	: High Temperature Short Time	
Kg.	: Kilogram	
NŠ	: Nepal Standard	
KMS	: Potassium Meta bi - Sulphate	

		S	oft Skills Area
SN	Duty statements	SN	Task statements
1.	Demonstrate positive attitude	1.	Manage time for occupational assignment
		2.	Exhibit empathy with customers and team members
		3.	Exhibit work ethics of Fruit and Vegetable Processor
		4.	Respond assignment received
		5.	Receive / give feedback and feed forward
2.	Exhibit interpersonal skills	6.	Listen customers demand, complaints, or others information
		7.	Communicate with others about products and services
		8.	Coordinate with customers, team members and stakeholders
		9.	Perform net-working with customers, team, and stakeholders
3.	Demonstrate occupational leadership	10.	Exhibit behavior of team player among the members
		11.	Make decision at different situation of the occupation
		12.	Solve problem encountered in the occupation
		13.	Take responsibility and accountability of the assignment
		14.	Develop work plan
		15.	Calculate basic mathematics
		16.	Perform company / firm registration process
		16. 17.	Perform company / firm registration process Perform banking procedure for loan
		17.	Perform banking procedure for loan
4	Maintain hugiana	17. <b>C</b>	Perform banking procedure for loan ore Skills Area
4.	Maintain hygiene	17. <b>C</b> 18.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene
4.	Maintain hygiene	17. <b>C</b> 18. 19.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP)
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP)
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20. 21.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20. 21. 22.	Perform banking procedure for loan <b>ore Skills Area</b> Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20. 21. 22. 23.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20. 21. 22. 23. 24.	Perform banking procedure for loan         ore Skills Area         Maintain personal hygiene         Clean lab/plant in place (CIP)         Clean Out of Place (COP)         Clean tools/equipment and utensils / containers         Sterilize utensils/ tools / equipment         Control pest, rodent and flies by trap         Control pest, flies by fumigation
4.	Maintain hygiene	17. 18. 19. 20. 21. 22. 23. 24. 25.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control insects by insecticides
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20. 21. 22. 23. 24. 25. 26.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control insects by insecticides Manage degradable waste
4.	Maintain hygiene	17. 18. 19. 20. 21. 22. 23. 24. 25.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control insects by insecticides
4.	Maintain hygiene	17. <b>C</b> 18. 19. 20. 21. 22. 23. 24. 25. 26.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control insects by insecticides Manage degradable waste
		17. <b>C</b> 18. 19. 20. 21. 22. 23. 24. 25. 26. 27.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control pest, flies by fumigation Control insects by insecticides Manage degradable waste Manage non-degradable waste
		17. <b>C</b> 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	Perform banking procedure for loan ore Skills Area Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control insects by insecticides Manage degradable waste Manage non-degradable waste Inspect raw materials
		17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.	Perform banking procedure for loan <b>ore Skills Area</b> Maintain personal hygiene Clean lab/plant in place (CIP) Clean Out of Place (COP) Clean tools/equipment and utensils / containers Sterilize utensils/ tools / equipment Control pest, rodent and flies by trap Control pest, flies by fumigation Control pest, flies by fumigation Control insects by insecticides Manage degradable waste Manage non-degradable waste Inspect raw materials Take sample of raw materials

## List of Duties and Tasks of the Fruit and Vegetable Processor Level-2 (Foreman Level):

		33.	Store raw materials
		34.	Place fruits for ripening
6.	Prepare raw materials	35.	Perform trimming of raw materials
		36.	Perform washing of raw materials
		37.	Perform wiping of washed raw materials
		38.	Perform winnowing of raw materials
		39.	Dry materials by sun
		40.	Dry materials by hot air machine
		41.	Dry materials in shed
		42.	Freeze materials during processing
		43.	Dry materials on fresh air
7.	Perform pre- processing tasks	44.	Peel fruit and vegetables
1.	r enorm pre-processing lasks	44. 45.	Cut fruit and vegetables
		45. 46.	Make slice by slicer
		<del>т</del> 0.	
		47.	Marinate prepared materials
		48.	Perform sieving
		49.	Boil raw materials for processing
		50.	Soak raw materials for processing
		51.	Blanch fruit and vegetables
		52.	Filter raw materials
8.	Process fruit and vegetables	53.	Grind raw materials
		54.	Cook raw materials for processing
		55.	Mix prepared processing materials
		56.	Pasteurize intermediante products
		57.	Perform deep fry
		58.	Perform extraction by distillation
		59.	Process fruits and vegetables by fermentation
		60.	Sterilize products
		61.	Apply additives and preservatives
9.	Perform basic quality test	62.	Perform sensory test
		63.	Conduct pH test
		64.	Conduct acidity test
		65.	Conduct brix test
		66.	Conduct salt test
		67.	Perform moisture content test
L			

		68.	Measure temperature of the products
		69.	Perform consisteny test of final products.
10.	Perform packaging	70.	Perform filling of processed final products.
		71.	Seal pouch
		72.	Perform vaccum sealing
		73.	Perform induction sealing
		74.	Perform capping
		75.	Measure volume of liquid
		76.	Perform labelling
		77.	Perform wrapping
11.	Perform marketing	78.	Determine price of per unit product
		79.	Collect demand
		80.	Display products in exhibition
		81.	Transport / deliver products/materials
		82.	Receive sales' return
		83.	Perform Inventory of processing plant/industry
		84.	Keep records.
		•	

## Task Competency Standard

	Soft Skills Area:			
Task number:	1			
Task statement:	Manage time for occupation	nal assignment		
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition			
	<ul> <li>Regular duty hours and work plan</li> <li>Task: Manage time for occupational assignment</li> <li>Time: N/A</li> <li>Standard/Criteria:</li> </ul>			
	<ul> <li>Performer is exhibited punctuality;</li> <li>Task completed within the given time frame;</li> <li>Task performed as per the given work plan.</li> </ul>			
Related technical knowledge		nagement; neduling as per the urge vhile managing time dur		

Task number:	2	2			
Task statement:	Exhibit empathy with custor	Exhibit empathy with customers and team members			
Level of task:	Significance	Significance Ease Occurence			
	2	2	1		
Terminal performance standard	Given Condition				
	or team members <b>Task:</b> Exhibit empathy with cu <b>Time:</b> N/A <b>Standard/Criteria:</b> • Performer is expressed expression) as per the given by the second se	Task: Exhibit empathy with customers and team members Time: N/A			
Related technical knowledge	<ul> <li>Different situations to exh</li> </ul>	<ul> <li>Meaning and importance empathy;</li> <li>Different situations to exhibit empathy;</li> <li>Points to be consider while exhibiting empathy.</li> </ul>			

Task number:	3	3			
Task statement:	Exhibit work ethics of Frui	Exhibit work ethics of Fruit and Vegetable Processor			
Level of task:	Significance	Occurence			
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Occupational ethics ar</li> </ul>	nd Code of conduct of o	rganization or		
	<ul> <li>Standard operating pro</li> </ul>	ocedure (SOP);			
	Task: Keep work ethics.				
	Time: N/A				
	Standard/Criteria:				
	<ul> <li>Given occupational ethi</li> </ul>	cs and organizational co	ode of conduct followed;		
	<ul> <li>SOP is followed;</li> </ul>				
	<ul> <li>Performer is satisfied and</li> </ul>	nd motivated in the occu	upation.		
Related technical knowledge	Meaning and importance	Meaning and importance work ethics;			
	<ul> <li>Occupational work ethic</li> </ul>	<ul> <li>Occupational work ethics of Fruits and Vegetable Processor.</li> </ul>			
	Code of conducts of organization or SOP;				

Task number:	4				
Task statement:	Respond assignment recei	Respond assignment received			
Level of task:	Significance	Ease	Occurrence		
	3	2	3		
Terminal performance standard	Given Condition:				
-	<ul> <li>Any assignment or task</li> </ul>	order			
	Task: Respond assignment.				
	Time: N/A				
	Standard/Criteria:				
	<ul> <li>Performer is responded is promptly;</li> </ul>				
	Assignment is noted;				
	<ul> <li>Assignment is complete</li> </ul>	<ul> <li>Assignment is completed within the agreed time.</li> </ul>			
Related technical knowledge	<ul> <li>Importance of timely res</li> </ul>	Importance of timely response;			
	<ul> <li>Time requirement of different assignment.</li> </ul>				
		<ul> <li>Manner of interaction with others;</li> </ul>			
	<ul> <li>Types of work and urge</li> </ul>	ncy.			

Task number:	5	5				
Task statement:	Receive / give feedback and feed forward					
Level of task:	Significance	Significance Ease Occurrence				
	3	2	3			
Terminal performance standard	Given Condition					
	<ul> <li>Any assignment or task</li> </ul>	corder.				
	Task: Receive / give feedba	ick and feed forward.				
	Time: N/A	5				
	Standard/Criteria:	Standard/Criteria:				
	<ul> <li>Performer is listen actively;</li> </ul>					
	<ul> <li>Performer is noted feed forward and feedback;</li> </ul>					
	<ul> <li>Firstly, given positive fer</li> </ul>	<ul> <li>Firstly, given positive feedback objectively;</li> </ul>				
	<ul> <li>Secondly given develop</li> </ul>	omental feedback objectiv	ely;			
	<ul> <li>Digestible amount of fe</li> </ul>	edback is considered or g	jiven.			
Related technical knowledge	Meaning and importance of feed forward and feedback;					
	• Types of feedback;					
	<ul> <li>Techniques of receiving</li> </ul>	g and giving feed forward	and feedback.			

Task number:	6	6			
Task statement:	Listen customers demand	Listen customers demand, complaints or others information			
Level of task:	Significance	Significance Ease Occurrence			
	3	2	3		
Terminal performance standard	Given Condition				
	<ul> <li>Customer or team men</li> </ul>	nber is complaining / repo	rting.		
	Task: Listen customers den	nand, complaints or others	s information.		
	Time: N/A				
	Standard/Criteria:	Standard/Criteria:			
	<ul> <li>Performer is listened ad</li> </ul>	<ul> <li>Performer is listened actively;</li> </ul>			
	<ul> <li>Performer is nodded th</li> </ul>	e head during listening;			
	<ul> <li>Perfumer is asked for a</li> </ul>	clarification;			
	<ul> <li>Performer is noted the</li> </ul>	complaint or reporting;			
	<ul> <li>Reporter or complainer</li> </ul>	is satisfied with his/her lis	stening attitude.		
Related technical knowledge		Importance of active listening;			
6		<ul> <li>Differences between active listening and hearing;</li> </ul>			
	<ul> <li>Techniques of active list</li> </ul>	· · ·	, ,		

Task No:	7					
Task statement:	Communicate with others about products and services					
Level of task:	Significance	Significance Ease Occurrence				
	3	2	3			
Terminal performance standard	Given Condition					
	<ul> <li>Information to be comm</li> </ul>	nunicated and				
	<ul> <li>Relevant audience</li> </ul>					
	Task: Communicate with ot	hers about products and	services			
	Time: N/A					
	Standard/Criteria:					
	<ul> <li>Voice is listen clear and audible;</li> </ul>					
	<ul> <li>Vocal is listen pleasant</li> </ul>					
	<ul> <li>Visual expressions are</li> </ul>	seen natural;				
	<ul> <li>Information shared is concise and complete.</li> </ul>					
Related technical knowledge	<ul> <li>Meaning and important</li> </ul>	<ul> <li>Meaning and importance of effective communication;</li> </ul>				
	<ul> <li>Effective communication</li> </ul>	<ul> <li>Effective communication model;</li> </ul>				
	Types of communication;					
	Means of communication;					
	Techniques of effective	communication.				

Task number:	8	8			
Task statement:	Coordinate with customers, team members and stakeholders				
Level of task:	Significance Ease Occurrence				
	3	2	3		
Terminal performance standard	Given Condition				
	<ul> <li>Agenda or issue or info</li> </ul>	rmation to be coordinated,	,		
	<ul> <li>Team members or release</li> </ul>	vant stakeholders and			
	Means of coordination.	<ul> <li>Means of coordination.</li> </ul>			
	Task: Coordinate with custo	omers, team members and	stakeholders		
	Time: N/A				
	Standard/Criteria:				
		is as per the given agenda	a, issues or information to		
	be shared;	is as par the target resolut			
		is as per the target receive	-		
	<ul> <li>Performer coordinated is as per the given means of coordination.</li> </ul>				
Related technical knowledge	<ul> <li>Meaning and important</li> </ul>				
	Means of coordination;				
	<ul> <li>Techniques of effective</li> </ul>	coordination.			

Task number:	9	9				
Task statement:	Perform net-working with	Perform net-working with customers, team and stakeholders				
Level of task:	Significance	Significance Ease Occurrence				
	3	1	2			
Terminal performance standard	Given Condition:					
	<ul> <li>Assignment and</li> </ul>					
	<ul> <li>Job description.</li> </ul>					
	Task: Perform net-working v	vith customers, team and	stakeholders			
	Time: N/A	<b>5</b>				
	Standard/Criteria:					
	<ul> <li>Service delivery is met f</li> </ul>	the standard of the organi	ization;			
	<ul> <li>Additional service procu</li> </ul>	<ul> <li>Additional service procurement is found easily available.</li> </ul>				
Related technical knowledge	<ul> <li>Meaning and importance</li> </ul>	Meaning and importance of networking;				
	<ul> <li>Means of networking;</li> </ul>					
	<ul> <li>Techniques of effective</li> </ul>	Techniques of effective networking.				

Task number:	10				
Task statement:	Exhibit behavior of team player among the members				
Level of task:	Significance Ease Occurrence				
	2	1	2		
Terminal performance standard	Given Condition:				
	<ul> <li>Assignment and</li> </ul>				
	<ul> <li>Working team.</li> </ul>				
	Task: Exhibit behavior of te	am player among the merr	nbers		
	Time: N/A				
	Standard/Criteria:				
	<ul> <li>Team members are encouraged;</li> </ul>				
	Collective ownership is taken;				
	<ul> <li>Performer is possessed cooperative and assertiveness;</li> </ul>				
	<ul> <li>Performer is taken responsibility and accountability.</li> </ul>				
Related technical knowledge	Meaning and importance of team work;				
	Characteristics of good team player;				
	Phases of team formation;				
	Tips of effective team work.				

Task number:	11	11		
Task statement:	Make decision at different situation of the occupation			
Level of task:	Significance	Ease	Occurrence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Any assignment with possible unusual situation during the process a</li> <li>Problem or case and time frame</li> </ul>			
	Task: Make decision at diffe	erent situation of the occu	pation	
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Decisions are taken with</li> </ul>	hin given time frame;		
	<ul> <li>Desired results are achieved</li> </ul>	ieved;		
	<ul> <li>Decision is considered efficient use of time, money and resources.</li> </ul>			
Related technical knowledge	Meaning and importance	e of decision making;		
	Simple decision-making process.			

Task number:	12			
Task statement:	Solve problem encountered	d in the occupation		
Level of task:	Significance	Ease	Occurrence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Any problem or case and time frame</li> </ul>			
	Task: Solve problem encountered in the occupation			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Problems are solved in g</li> </ul>	given time frame and d	esired results are achieved;	
	Performer is considered	efficient use of time, m	oney and resources.	
Related technical knowledge	<ul> <li>Meaning and importance of problem solving;</li> </ul>			
	<ul> <li>List of potential problems in the occupation (Fruits / Vegetable Processor);</li> </ul>			
	General problem-solving techniques.			

Task number:	13	13		
Task statement:	Take responsibility and ac	Take responsibility and accountability of the assignment		
Level of task:	Significance	Ease	Occurrence	
	3	2	3	
Terminal performance standard	Given Condition:		•	
	Assignment			
	Job description			
	Task: Take responsibility and accountability of the assignment			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Dedication to the assignment is exhibited;</li> </ul>			
	<ul> <li>Performer is attempted</li> </ul>	to complete the assignm	ent as per the set standard;	
	Ownership of the result	•		
Related technical knowledge	Meaning of responsibility and accountability;			
Ŭ	<ul> <li>Importance of responsibility and accountability for Fruits and Vegetable Processor.</li> </ul>			

Task No:	14			
Task statement:	Develop work plan of Frui	Develop work plan of Fruits and Vegetable Processor		
Level of task:	Significance	Ease	Occurrence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>List of tasks and their priority order;</li> </ul>			
	<ul> <li>Planning forms and format;</li> </ul>			
	Job description			
	Task: Develop work plan of Fruit and Vegetable Processor			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Developed plan is as per the given tasks;</li> </ul>			
	<ul> <li>Planning is done in given forms and format;</li> </ul>			
	<ul> <li>Tasks are planned base</li> </ul>	ed on priority order or seq	uence;	
	<ul> <li>Considered efficient us</li> </ul>	e of resources (time, mon	ey, and people).	
Related technical knowledge	Meaning of planning;			
	<ul> <li>Importance of planning;</li> </ul>			
	<ul> <li>Different planning tools;</li> </ul>			
	<ul> <li>Points to be considered while planning;</li> </ul>			

Task No:	15.				
Task statement:	Calculate basic mathemati	Calculate basic mathematic			
Level of task:	Significance	Ease	Occurrence		
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Formula, measurement,</li> </ul>	, record and specification	table;		
	Task: Perform basic calcula	ation.			
	Time: N/A				
	Standard/Criteria:				
	<ul> <li>The performer's result n</li> </ul>	natches with the calculati	on done by supervisor.		
Related technical knowledge	<ul> <li>Importance of calculatio</li> </ul>	<ul> <li>Importance of calculation in fruit and vegetable processing;</li> </ul>			
	<ul> <li>Situation required for bat</li> </ul>	asic calculation;	-		
	<ul> <li>Different calculation me</li> </ul>	<ul> <li>Different calculation methods;</li> </ul>			
	<ul> <li>Application of different f</li> </ul>	ormulas.			
Safety / Precatution	• N/A	• N/A			
Tool /equipment /materials	• N/A				

Task No:	16.			
Task statement:	Perform company / firm registration process.			
Level of task:	Significance	Ease	Occurrence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Location of company re</li> </ul>	gistration office;		
	<ul> <li>Forms and format of the</li> </ul>	e company registration;		
	<ul> <li>Prepared company reg</li> </ul>	istration proposal.		
	Task: Perform company / fi			
	Time: N/A			
	Standard/Criteria:			
	<ul><li> Application form is prepared;</li><li> Company profile is prepared;</li></ul>			
	<ul> <li>Recommendation from</li> </ul>	concern authority is received	ved;	
	<ul> <li>Tax is paid.</li> </ul>			
Related technical knowledge	Meaning and Importance	ce of registration;		
	<ul> <li>Registration law, rules a</li> </ul>	and regulations;		
	<ul> <li>Required formal docum</li> </ul>	ients;		
	Points to be considered	I while firm registration;		
	Procedure of registration.			

Task No:	17.	17.		
Task statement:	Perform banking procedure for loan.			
Level of task:	Significance	Ease	Occurrence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Company proposal;</li> </ul>			
	Task: Perform banking pro	cedure for loan.		
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Application form is prepared</li> </ul>			
	<ul> <li>Company profile is prepared</li> </ul>			
	<ul> <li>Recommendation from concern authority is received;</li> <li>Tax is paid;</li> </ul>			
	<ul> <li>Company registration of</li> </ul>	ertificate is found.		
Related technical knowledge	Meaning and Importance of banking process;			
	<ul><li>Registration law, rules and regulations;</li><li>Required formal documents;</li></ul>			
	<ul> <li>Procedure of bank loan</li> </ul>	1;		
	Points to be considered while applying bank loan.			

	Core Skills Area			
Task number:	18.			
Task statement:	Maintain personal hygiene			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>In Fruit and Vegetables p</li> </ul>	rocessing plant		
	During performing all assignment			
	Task: Maintain personal hygiene			
	Time: 10 minutes / entry to the dairy plant			
	Standard/Criteria:			
	Clothes are seen clean,			
	Nails are trimmed,			
	<ul> <li>Performer is seen free form ornaments,</li> </ul>			
	Hair is trimmed,			
	<ul> <li>Safety cap is used,</li> </ul>			
	<ul> <li>Safety wares are applied.</li> </ul>			
Related technical knowledge	Meaning and importance of personal hygiene,			
	<ul> <li>Meaning and importance of occupational safety/ health;</li> </ul>			
	<ul> <li>Common personal hygier</li> </ul>	ne problem in fruits and ve	getable processor;	
	Points to be considered v	vhile applying personal hy	giene.	
Safety/precaution	Wear safety wares			
Tools, equipment and materials	Boots, mask, cap, gloves, apron;			
	<ul> <li>Sanitizer, soap, towel, Nail cutter.</li> </ul>			

Task number:	19.				
Task statement:	Clean (lab / plant) In place (CIP)				
Level of task:	Significance Ease Occu				
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Location or site of the pl</li> </ul>	ant;			
	<ul> <li>Fruit and vegetables pro</li> </ul>	cessing plant.			
	Task: Clean (lab/ plant) In Pl	ace.			
	Time: 45 minutes /day/routin	e work.			
	Standard/Criteria:				
	<ul> <li>Lab / plant is maintained free from dust, dirt, stains, flies;</li> </ul>				
	<ul> <li>Lab / plant is maintained free from odor.</li> </ul>				
Related technical knowledge	Meaning and importance of CIP;				
	<ul> <li>Common chemicals used in cleaning processing lab / plant;</li> </ul>				
	<ul> <li>Points to be considered while cleaning;</li> </ul>				
	<ul> <li>Procedure of CIP.</li> </ul>				
Safety/precaution	Apply chemical as per the second	ne prescribed PPM;			
	<ul> <li>Wear PPE, handle tools</li> </ul>	/ equipment safely.			
Tools, equipment and materials	<ul> <li>Water, chemicals, vacut</li> </ul>	ım;			
	Autoclave, chlorine, steam;				
	<ul> <li>Broom, brush, clothes, wiper;</li> </ul>				
	Dust pan, soap and towe	el.			

Task number:	20.				
Task statement:	Clean Out of Place (COP)				
Level of task:	Significance	Ease	Occurence		
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Location and site;</li> </ul>				
	Surrounding of the workplace.				
	Task: Perform Clean Out of Place (COP)				
	Time: 30 minutes / round				
	Standard/Criteria:				
	<ul> <li>The surrounding is kept free from dust, dirt, and stain;</li> </ul>				
	<ul> <li>Surrounding is kept free from flies, garbage, and odor.</li> </ul>				
Related technical knowledge	Meaning and importance of COP;				
	Procedure of COP;				
	Common place to be cle	aned;			
	Points to be considered	while cleaning.			
Safety/precaution	Apply chemical as per th	e prescribed PPM;			
	Use PPE, handle everyt	hing in the surrounding safely	<i>ų</i> .		
Tools, equipment and materials	Chlorine, bleaching powder, caustic soda, detergent, phenyl;				
	<ul> <li>Sickle, lawn moor, spade, shove and wheelbarrow.</li> </ul>				

Task number:	21.				
Task statement:	Clean tools, equipment and utensils / containers.				
Level of task:	Significance	Ease	Occurence		
	3	1	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Working unit in the proce</li> </ul>	essing plant;			
	<ul> <li>Number or quantity of to</li> </ul>	ols, equipment and utensils	to be cleaned.		
	Task: Clean tools , equipmer	t and utensils /containers			
	Time: 1 hour/day routine wo	rk.			
	Standard/Criteria:				
	Tools, equipment and utensils/ containers are kept free from dust, dirt a				
	<ul> <li>Tools, equipment, utensi</li> </ul>	Is /container are kept in pla	ce.		
Related technical knowledge	<ul> <li>Meaning and importance of cleaning tools, equipment/utensils/ containers;</li> </ul>				
	<ul> <li>Procedure of cleaning tools, equipment and utensils;</li> </ul>				
	<ul> <li>Materials to be used whi</li> </ul>	le cleaning.			
Safety/precaution	Use PPE, handle the tools;				
	<ul> <li>Equipment, and utensils,</li> </ul>	containers safely.			
Tools, equipment and materials	Water,				
	<ul> <li>Detergent,</li> </ul>				
	<ul> <li>Brush;</li> </ul>				
	<ul> <li>Vacuum;</li> </ul>				
	<ul><li>Soaking machine;</li><li>Broom;</li></ul>				
	<ul> <li>Wiping clothes;</li> </ul>				
	Blower and sprayer.				

Task number:	22.			
Task statement:	Sterilize utensils/tools and equipment.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Lab, plant and storage;</li> </ul>			
	Number or quantity to be	e sterilize;		
	Required method;			
	<ul> <li>Standard criteria.</li> </ul>			
	Task: Sterilize utensils/tools and equipment.			
	Time: 30 minutes /day routine work.			
	Standard/Criteria:			
	<ul> <li>The sterilization is performed as per the given standard procedure;</li> </ul>			
	The sterilized tools, equipment and utensils are kept free from germ			
Related technical knowledge	<ul> <li>Meaning and importance of sterilization;</li> </ul>			
	<ul> <li>Procedure of different methods of sterilization;</li> </ul>			
	<ul> <li>Points to be considered while sterilizing tools, equipment and utensils;</li> </ul>			
	<ul> <li>Materials to be used whi</li> </ul>	le performing sterilization.		
Safety/precaution	<ul> <li>Following the standard p</li> </ul>	rocedure is critical;		
	• Wear PPE.			
Tools, equipment and materials	Water, chemicals;			
	Autoclave;			
	• Stove, beaker;			
	<ul> <li>Measuring cylinder and tray.</li> </ul>			

Task number:	23.				
Task statement:	Control pest, rodent and flies by trap.				
Level of task:	Significance	Occurence			
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Factory / plant, small and</li> </ul>	d cottage industry;			
	<ul> <li>Standard procedure of the standard procedure of the stand</li></ul>	he specific controlling metho	od (trap).		
	Task: Control pest, rodent ar	nd flies by trap.			
	Time: 30 minutes /installatio	n of the trap			
	Standard/Criteria:				
	<ul> <li>Traps are fixed in outlet, inlet, hole, windows, corner and on ceiling walls;</li> <li>Safety is adopted while installing the trap;</li> <li>Traps are kept in working condition.</li> </ul>				
Related technical knowledge	<ul> <li>Meaning and importance</li> </ul>	e of controlling pest, rodent a	and flies by trap;		
	<ul> <li>Different methods of cor</li> </ul>	trolling pest, rodents and flie	es;		
	<ul> <li>Procedure of controlling</li> </ul>	pest, rodent and flies by tra	р,		
	<ul> <li>Types of traps and their</li> </ul>	uses in processing plant.			
Safety/precaution	Safety measure is critical while installing trap;				
	• Use PPE.				
Tools, equipment and materials	<ul> <li>PPE, flies trap;</li> </ul>				
	<ul> <li>Mouse trap;</li> </ul>				
	Desired feed for flies and	d mouse.			

Task number:	24.			
Task statement:	Control pest, flies by fumigation			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Standard procedure of full</li> </ul>	imigation;		
	<ul> <li>Location or site of fumigation</li> </ul>	ation;		
	<ul> <li>Area or volume to be fumigate;</li> </ul>			
	<ul> <li>Processing plant, small and cottage industry.</li> </ul>			
	Task: Control by pest flies by fumigation.			
	Time: 30 minutes /event.			
	Standard/Criteria:			
	<ul> <li>Safety are adopted;</li> </ul>			
	<ul> <li>Standard procedure is followed.</li> </ul>			
Related technical knowledge	<ul> <li>Meaning and importance of controlling pest by fumigation;</li> </ul>			
	<ul> <li>Procedure of controlling pest by fumigation;</li> </ul>			
	<ul> <li>Points to be considered</li> </ul>	while controlling pest by fumi	gation;	
	<ul> <li>Chemicals to be used.</li> </ul>			
Safety/precaution	Adopt safety protocol;			
	Apply PPE during the pro	ocess.		
Tools, equipment and materials	<ul> <li>PPE, Formalin and</li> </ul>			
	Potassium permanganate.			

Task number:	25.			
Task statement:	Control insects by insecticides			
Level of task:	Significance	Occurence		
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Area or site to be control</li> </ul>	l;		
	<ul> <li>Sprayer and safety proto</li> </ul>	ocol;		
	<ul> <li>Types of pesticides;</li> </ul>			
	<ul> <li>Standard procedure of a</li> </ul>	pplying insecticides;		
	<ul> <li>Surrounding area of fact</li> </ul>	ory/ plant, small and cottage	e industry.	
	Task: Control insects by insecticides.			
	Time: 1 hour /5 liter sprayer. Standard/Criteria: • Safety protocol is adopted;			
	<ul> <li>Pest of given site or area</li> </ul>	a are controlled;		
	<ul> <li>Standard application pro</li> </ul>	cedure of sprayer and pesti	cide is fallowed.	
Related technical knowledge	<ul> <li>Meaning and importance</li> </ul>	e of controlling by insecticide	es;	
	<ul> <li>Procedure of controlling</li> </ul>	insect by insecticides;		
	<ul> <li>Points to be considered</li> </ul>	while controlling by insectici	des.	
Safety/precaution	Fallow standard application protocol of insecticides;			
	Wear PPE			
Tools, equipment and materials	Lakshman Rekha;			
	<ul> <li>Mosquito coil, soap, tow</li> </ul>	el and water.		

Task number:	26.			
Task statement:	Manage degradable waste			
Level of task:	Significance	Ease	Occurence	
	3	1	3	
Terminal performance standard	Given Condition:	·		
	Daily produced degradable	e waste materials;		
	Fruit and vegetable proces	sing plant premises;		
	Quantity of waste to be ma	inaged.		
	Task: Manage degradable was	te.		
	Time: 30 minutes /day routine work.			
	Standard/Criteria:			
	<ul> <li>Required quantity of degradable waste is managed</li> </ul>			
	<ul> <li>Degradable waste is collected in compost peat;</li> </ul>			
	<ul> <li>Plant and premises are kept free from waste;</li> </ul>			
	<ul> <li>Separate dust bin is kept for degradable waste in necessary places;</li> </ul>			
	<ul> <li>Dust bin is labelled with degradable waste bin.</li> </ul>			
Related technical knowledge	<ul> <li>Meaning and importance of degradable waste management;</li> </ul>			
	<ul> <li>Types of degradable waste to be manage in processing plant;</li> </ul>			
	<ul> <li>Points to be considered where the second seco</li></ul>	nile managing degradable v	vaste.	
Safety/precaution	Apply safety wear;			
	Do not mix non-degradable	e waste with degradable wa	aste.	
Tools, equipment and materials	Waste bin, dust pan,			
	<ul> <li>Shovel, wheel barrow;</li> </ul>			
	<ul> <li>Collection fork, water;</li> </ul>			
	Soap and towel.			

Task number:	27.			
Task statement:	Manage non-degradable waste			
Level of task:	Significance Ease Occurer			
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Quantity of non-degrada</li> </ul>	ble waste to be managed;		
	<ul> <li>Fruit and vegetable proc</li> </ul>	essing plant premises.		
	Task: Manage non-degradab	ole waste.		
	Time: 30 minutes /day routin	e work.		
	Standard/Criteria:			
	<ul> <li>Non-degradable waste is collected in a separate bin;</li> </ul>			
	<ul> <li>Plant and premises are free from waste;</li> </ul>			
	<ul> <li>Non-degradable waste bin is labelled.</li> </ul>			
Related technical knowledge	Meaning and importance	e of non-degradable waste r	nanagement;	
	<ul> <li>Types of non-degradable</li> </ul>	e waste to be manage in pro	ocessing plant;	
	<ul> <li>Potential recycling ways</li> </ul>	of different non-degradable	waste;	
	<ul> <li>Points to be considered while managing non-degradable waste.</li> </ul>			
Safety/precaution	<ul> <li>Do not mix non-degrada</li> </ul>	ble and degradable waste.		
Tools, equipment and materials	Waste bin, dust pan;			
	<ul> <li>Shovel, wheel barrow;</li> </ul>			
	<ul> <li>Collection fork;</li> </ul>			
	• Water, soap, and towel.			

Task number:	28.			
Task statement:	Inspect raw materials			
Level of task:	Significance	Ease	Occurence	
	3	1	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Types of raw materials to</li> </ul>	o be inspected;		
	<ul> <li>Quantity or number or an</li> </ul>	mount of the raw materials to	be inspected;	
	<ul> <li>Standard or desired crite</li> </ul>	eria of raw materials.		
	Task: Inspect raw materials.			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>The inspection report rep of the supervisor.</li> </ul>	ed with the inspection result		
Related technical knowledge	Meaning and importance	e of inspection of raw materia	al;	
	<ul> <li>Types of raw materials u</li> </ul>	used in the processing plant;		
	<ul> <li>Desired criteria of the ratio</li> </ul>	w materials;		
	<ul> <li>Reporting of requirement</li> </ul>	t of materials inspection;		
	Points to be considered	while inspecting raw materia	lls.	
Safety/precaution	Fallow desired criteria of the raw materials while selecting raw materials;			
	<ul> <li>Apply PPE during the pr</li> </ul>	ocess.		
Tools, equipment and materials	<ul> <li>PPE, knife, scissor;</li> </ul>			
	Paper, checklist, and pe	n.		

Task number:	29.			
Task statement:	Take sample of raw materials			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Types of raw materials;</li> </ul>			
	Quantity of raw materials;			
	<ul> <li>Standard sampling procedure or method of sampling.</li> </ul>			
	Task: Take sample of raw materials.			
	Time: 5 minutes /sample			
	Standard/Criteria:			
	<ul> <li>Sample quantity is ensured maximum of 0.5 %. of whole volume;</li> </ul>			
	<ul> <li>Sample is represented each batch;</li> </ul>			
	Sample is labeled;			
	Batch number is recorded.			
Related technical knowledge	Meaning and importance	e of taking sample;		
	<ul> <li>Procedure of sampling;</li> </ul>			
	<ul> <li>Reporting of sampling.</li> </ul>			
Safety/precaution	<ul> <li>Fallow given method of sampling technique;</li> </ul>			
	Wear PPE.			
Tools, equipment and materials	Sampling bottle, knife;			
	Scissor, container and vile.			

Task number:	30.			
Task statement:	Collect raw materials			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Inspected and approved</li> </ul>	types of raw material;		
	<ul> <li>Required quantity of the</li> </ul>	raw materials;		
	<ul> <li>Potential site or location of suppliers.</li> </ul>			
	Task: Collect raw materials			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Collected raw materials are as per the given quantity;</li> </ul>			
	<ul> <li>Collection is recorded as per given format;</li> </ul>			
	Collected raw materials	are stored.		
Related technical knowledge	<ul> <li>Meaning and importance of collecting raw materials;</li> </ul>			
	<ul> <li>Common quality of processing raw materials of fruits and vegetables;</li> </ul>			
	<ul> <li>Potential suppliers of raw materials;</li> </ul>			
	<ul> <li>Procedure of collecting r</li> </ul>	aw materials;		
	<ul> <li>Reporting of collection of raw materials.</li> </ul>			
Safety/precaution	<ul> <li>Use PPE;</li> </ul>			
	<ul> <li>Given quantity and quality</li> </ul>	ty is critical while collecting	the raw materials.	
Tools, equipment and materials	Means of transportation, sac;			
	<ul> <li>Tarpaulin, container, wheel barrow and shovel.</li> </ul>			

Task number:	31.		
Task statement:	Grade raw materials.		
Level of task:	Significance	Ease	Occurence
	3	2	3
Terminal performance standard	Given Condition:		
	<ul> <li>Collected raw materials;</li> </ul>		
	<ul> <li>Types of raw materials;</li> </ul>		
	<ul> <li>Quantity and quality of raw materials;</li> </ul>		
	Criteria or grade types.		
	Task: Grade raw materials.		
	Time: 1 minutes /kg products.		
	Standard/Criteria:		
	<ul> <li>Grading is done as per the given criteria;</li> </ul>		
	<ul> <li>Different grades are segregated and kept separately;</li> </ul>		
	<ul> <li>Each category is maintained similar size / shape/ stage / color and smell.</li> </ul>		
Related technical knowledge	<ul> <li>Meaning and importance</li> </ul>	e of grading;	
	Grading criteria of difference	ent raw materials;	
	<ul> <li>Procedure of grading fru</li> </ul>	its and vegetables;	
	Points to be considered	while grading fruits and vege	tables.
Safety/precaution	Apply PPE;		
	Given grading criteria or	grade type is prime.	
Tools, equipment and materials	Grading machine, knife, scissor, crate and container.		

Task number:	32.			
Task statement:	Measure weight of raw materials.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Quantity of raw materials</li> </ul>	s to be measured;		
	<ul> <li>Unit of measurement.</li> </ul>			
	Task: Perform weighing			
	Time: 10 minutes /qintal.			
	<ul><li>Standard/Criteria:</li><li>The weight recorded by the performer is matched with the weight recorded</li></ul>			
	the supervisor.			
Related technical knowledge	Meaning and importance	e of weighing		
	<ul> <li>Different types of weight</li> </ul>	ng balance;		
	<ul> <li>Measuring units and cali</li> </ul>	bration;		
	<ul> <li>Procedure of weighing raw materials.</li> </ul>			
Safety/precaution	Apply PPE;			
	Calibration of tools is crucial.			
Tools, equipment and materials	Weighing balance;			
	Record file and pen.			

Task number:	33.			
Task statement:	Store raw materials			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Measured raw materials</li> </ul>	• 9		
	<ul> <li>Site or location of store;</li> </ul>			
	Quantity of raw materials	s to be stored;		
	<ul> <li>Types and grades of rav</li> </ul>	v materials.		
	Task: Perform storage.			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Storage is done as per the given quantity and types or grades of raw materials;</li> </ul>			
	<ul> <li>Labels of stored materials are kept visible;</li> </ul>			
	<ul> <li>Storage is arranged in "first come first out "basis.</li> </ul>			
	<ul> <li>Stored materials are maintained free from overlapped;</li> </ul>			
	<ul> <li>Stored container/rakes/s</li> </ul>	ner/rakes/sacks/matched the nature of materials;		
	Store materials are reco	rded.		
Related technical knowledge	Meaning and importance	e of storing;		
	<ul> <li>Measuring units;</li> </ul>			
	<ul> <li>Procedure of storage.</li> </ul>			
Safety/precaution	Apply PPE;			
	<ul> <li>Types, grads and required temperature are crucial.</li> </ul>			
Tools, equipment and materials	<ul> <li>Lifter, wheel barrow, jack</li> </ul>	k key;		
	Stock book, formats, and	d container.		

Task number:	34.			
Task statement:	Place fruits for ripening.			
Level of task:	Significance	Ease	Occurence	
	2	1	2	
Terminal performance standard	Given Condition:			
	<ul> <li>Stored and measured ray</li> </ul>	v materials;		
	<ul> <li>Types and quantity of ray</li> </ul>	v materials to be ripened;		
	<ul> <li>Selected methods of ripe</li> </ul>	ning and recommended PP	PM of chemicals;	
	Task: Place fruits for ripening			
	Time: 30 minutes /lot			
	Standard/Criteria:			
	<ul> <li>Used recommended PPM of chemicals;</li> </ul>			
	<ul> <li>Storage safety and consumer safety is considered;</li> </ul>			
	<ul> <li>Storage environment is maintained as per the given criteria;</li> </ul>			
	• Temperature of ripening store/place/container are adjusted as per the nature of			
	materials or prescription;			
	• Materials are labelled (name, date, required duration, tentative date for ripen, quantity).			
Related technical knowledge	Meaning and importance	of ripening;		
	<ul> <li>Points to be considered while placing for ripening;</li> </ul>			
	<ul> <li>Procedure of ripening of fruits and vegetables;</li> </ul>			
	<ul> <li>Different ripening temperature requirement as per the material;</li> </ul>			
	• Different chemicals used for ripening purpose and their pros and cons.			
Safety/precaution	Apply PPE;			
	Temperature requirement	t, chemicals and duration a	re crucial.	
Tools, equipment and materials	Ripening chamber, ethylene, container;			
	• Wheel barrow, lifter, sack, carton, shovel, rope, plastic sheet, tripolin.			

Task number:	35.			
Task statement:	Perform trimming of raw materials.			
Level of task:	Significance Ease Occurence			
	3	2	3	
Terminal performance standard	Given Condition:			
	Ripened fruits or stored	vegetables;		
	<ul> <li>Types and quantity of rate</li> </ul>	w materials to be trimmed.		
	Task: Perform trimming of ra	w materials.		
	Time: 10 minutes /kg.			
	Standard/Criteria:			
	<ul> <li>Undesired parts are removed or</li> </ul>			
	<ul> <li>Trimmed materials are free from undesirable parts;</li> </ul>			
	<ul> <li>Trimmed materials are kept in separate container;</li> </ul>			
	<ul> <li>Trimmed waste parts is managed as degradable waste;</li> </ul>			
	Working station is cleaned.			
Related technical knowledge	Meaning and importance of trimming;			
	<ul> <li>Procedure of trimming;</li> </ul>			
	<ul> <li>Points to be considered while trimming;</li> </ul>			
	<ul> <li>Common tools and materials used for trimming.</li> </ul>			
Safety/precaution	Apply PPE and trimming portion control is prime while trimming.			
Tools, equipment and materials	Scissor, knife, cutter, chopper, chopping board and container.			

Task number:	36.						
Task statement:	Perform washing of raw materials				Perform washing of raw materials		
Level of task:	Significance	Ease	Occurence				
	3	2	3				
Terminal performance standard	Given Condition:						
	<ul> <li>Trimmed raw materials;</li> </ul>						
	<ul> <li>Types and quantity of ra</li> </ul>	w materials to be washed;					
	<ul> <li>Washing method.</li> </ul>						
	Task: Perform washing of ray	w materials.					
	Time: 2 minutes /kg.						
	Standard/Criteria:						
	<ul> <li>Given washing methods</li> </ul>	<ul> <li>Given washing methods are applied;</li> </ul>					
	<ul> <li>Washed raw materials a</li> </ul>	soil, and stain;					
	<ul> <li>Washed and materials are kept separately;</li> </ul>						
	Washed materials are kept for water drain.						
Related technical knowledge	<ul> <li>Meaning and importance of washing raw materials,</li> </ul>						
	<ul> <li>Procedure of washing rate</li> </ul>	w materials,					
	<ul> <li>Chemicals and materials</li> </ul>	s used while washing raw ma	aterials;				
	Points to be considered	while washing raw materials	i.				
Safety/precaution	Apply PPE;						
	Handle the raw materials carefully.						
Tools, equipment and materials	Water, container, drum;						
	<ul> <li>Pipe, crate, brush mess;</li> </ul>						
	Knife, and water drainer.						

Task number:	37.				
Task statement:	Perform wiping of washed raw materials.				
Level of task:	Significance	Ease	Occurence		
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Quantity of washed raw</li> </ul>	materials;			
	<ul> <li>Raw materials / packet /</li> </ul>	bottle / pouch.			
	Task: Perform wiping of was	hed raw materials.			
	Time: 3 minutes /kg.				
	<ul><li>Standard/Criteria:</li><li>Wiped materials are free from dust and dirt;</li></ul>				
	<ul> <li>Wiped materials are kept separately.</li> </ul>				
Related technical knowledge	Meaning and importance of wiping;				
	<ul> <li>Points to be considered while wiping raw materials;</li> </ul>				
	<ul> <li>Procedure of wiping washed raw materials.</li> </ul>				
Safety/precaution	Apply safety ware;				
	Handle fruit gently.				
Tools, equipment and materials	Wiper;				
	Paper, towel;				
	Clothes and container.				

Task number:	38.			
Task statement:	Perform winnowing of raw materials			
Level of task:	Significance	Ease	Occurence	
	3	1	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Washed and wipped raw</li> </ul>	/ materials;		
	<ul> <li>Types and quantity of ra</li> </ul>	w materials to be wined;		
	<ul> <li>Standard procedure of w</li> </ul>	vinnowing.		
	Task: Dry mayerials by sun.			
	Time: 15 minutes /lot			
	Standard/Criteria:			
	<ul> <li>Wined raw materials are dry;</li> </ul>			
	<ul> <li>Wined material is free from undesired materials (dirt's and dust)</li> </ul>			
	<ul> <li>Material safety is adopted</li> </ul>	d;		
	Wined as per the given of	quantity;		
	<ul> <li>Wined materials are kept separately.</li> </ul>			
Related technical knowledge	Meaning and Importance	e of winnowing;		
	Points to be considered	while winnowing;		
	Common raw materials t	o be wined;		
	Procedure of winnowing			
Safety/precaution	Apply tarpaulin while wir	inowing;		
	Take safety measure of	raw materials.		
Tools, equipment and materials	Tarpaulin, Nanglo, rope,	net, spreader, container;		
	<ul> <li>Raw material pan, shovel, bucket.</li> </ul>			

Task number:	39.			
Task statement:	Dry materials by sun			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Wined raw materials;</li> </ul>			
	<ul> <li>Types and quantity of ratio</li> </ul>	w materials to be dry;		
	<ul> <li>Procedure of sun drying</li> </ul>	of fruits and vegetables.		
	Task: Dry materials by sun.			
	Time: 15 minutes /lot.			
	Standard/Criteria:			
	<ul> <li>Raw materials are at sunny dried in area;</li> </ul>			
	<ul> <li>Material safety is adopted;</li> </ul>			
	<ul> <li>Raw materials spreaded</li> </ul>	is uniform;		
	<ul> <li>Turning of raw material</li> </ul>	s done in equal interval.		
Related technical knowledge	Meaning and importance of sun drying;			
	<ul> <li>Points to be considered</li> </ul>	while sun drying;		
	Common raw materials	to be dried in sun;		
	<ul> <li>Procedure of sun drying</li> </ul>			
Safety/precaution	Apply tarpaulin while sur	n drying;		
	Take safety of raw materials while sun drying.			
Tools, equipment and materials	<ul> <li>Tarpaulin, Nanglo, rope,</li> </ul>	net, spreader, container;		
		el, bucket, Thunse, Mandro a	and Doka.	

Task number:	40.				
Task statement:	Dry materials by hot air machine.				
Level of task:	Significance Ease Occure				
	3	2	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Washed and wiped raw</li> </ul>	materials;			
	<ul> <li>Types and quantity of rate</li> </ul>	w materials;			
	<ul> <li>Moisture content in final</li> </ul>	dried materials.			
	Task: Dry materials by hot ai	r machine.			
	Time: 15 minutes /lot.				
	Standard/Criteria:				
	Given moisture content				
	<ul> <li>Raw materials are spread</li> </ul>				
	<ul> <li>Time and temperature is adjusted as per the prescription;</li> </ul>				
	<ul> <li>Dried materials are kept separately.</li> </ul>				
Related technical knowledge	Meaning and Importance of drying by hot air;				
	Points to be considered	while drying by hot air;			
	<ul> <li>List of materials to be dr</li> </ul>	ied by hot air machine;			
	<ul> <li>Procedure of drying by h</li> </ul>	iot air.			
Safety/precaution	Moisture content in the dried materials is crucial;				
	Apply PPE and handle machine safely.				
Tools, equipment and materials	<ul> <li>Dryer, pan;</li> </ul>				
	<ul> <li>Spreader and container.</li> </ul>				

Task number:	41.				
Task statement:	Dry materials in shed				
Level of task:	Significance	Ease	Occurence		
	3	2	2		
Terminal performance standard	Given Condition:				
	<ul> <li>Washed and wiped raw</li> </ul>	materials;			
	<ul> <li>Types and quantity of m</li> </ul>	aterials to be sun dried;			
	<ul> <li>Location and site of stru</li> </ul>	cture shed			
	Task: Dry materials in shed.				
	Time: 15 minutes /lot.				
	Standard/Criteria:				
	<ul> <li>Materials are spreaded</li> </ul>	surface;			
	<ul><li>Materials are kept free from sun exposure;</li><li>Speeded materials are not overlapped.</li></ul>				
Related technical knowledge	<ul> <li>Merits and demerits of d</li> </ul>	rying in shed;			
	<ul> <li>Points to be considered</li> </ul>	while drying in shed;			
	• Types of suitable materials to dry in shed;				
	Procedure of drying in shed.				
Safety/precaution	Color of dried materials and moisture is critical;				
	Apply safety wear.				
Tools, equipment and materials	Tarpaulin, Wheel barrow	Ι;			
	Spreader and container.	·			

Task number:	42.			
Task statement:	Freeze materials during processing.			
Level of task:	Significance	Ease	Occurence	
	2	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Raw materials under pro</li> </ul>	ocessing line;		
	<ul> <li>Types and quantity of m</li> </ul>	aterials to be kept in freeze;		
	<ul> <li>Freezing temperature as</li> </ul>	s per the types of fruits and v	egetables	
	Task: Freeze fruit and vegeta	ables during processing.		
	Time: 30 Minutes /lot.			
	Standard/Criteria:			
	<ul> <li>Given types and quantity</li> </ul>	y of materials are kept in free	eze;	
	<ul> <li>Standard criteria of freez</li> </ul>			
	<ul> <li>Required freeze temperative</li> </ul>	ature is adjusted.		
Related technical knowledge	<ul> <li>Meaning and Importance of freezing materials;</li> </ul>			
	<ul> <li>Type of products and rate</li> </ul>	d raw materials that needs to freeze while processing,		
	<ul> <li>Freezing temperature re</li> </ul>	quirement as per the types of	of materials;	
	<ul> <li>Points to be considered</li> </ul>	while freezing;		
	<ul> <li>Freezing procedure.</li> </ul>			
Safety/precaution	Freezing temperature is crucial;			
	Handle machine, tools equipment safely.			
Tools, equipment and materials	<ul> <li>Freeze/chilling machine;</li> </ul>			
	Container, thermometer	and electricity supply.		

Task number:	43.			
Task statement:	Dry materials in fresh air.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Washed and wiped raw</li> </ul>	materials;		
	<ul> <li>Types of materials and of</li> </ul>	uantity to be dried;		
	<ul> <li>Required moisture content</li> </ul>	ent of dried materials.		
	Task: Dry materials in fresh	air.		
	Time: 30 minutes /lot.			
	Standard/Criteria:			
	<ul> <li>Materials are hung / place</li> </ul>	ed on fresh aeration area;		
	<ul> <li>Materials are not overlap</li> </ul>			
	<ul> <li>Materials are kept safe f</li> </ul>			
Related technical knowledge	<ul> <li>Meaning and importance</li> </ul>	e of fresh air drying;		
	<ul> <li>Types of materials to be</li> </ul>	dry in fresh air;		
	Points to be considered;			
	Procedure of fresh air drying.			
Safety/precaution	Apply safety wear;			
	Moisture content is prime	9.		
Tools, equipment and materials	<ul> <li>Fan, blower, exhaust far</li> </ul>	);		
	Rope, nails, hammer and	d container.		

Task number:	44.			
Task statement:	Peel fruit and vegetables.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Washed, wiped and trimi</li> </ul>	med fruits and vegetables;		
	<ul> <li>Quantity of raw materials</li> </ul>	s to be peeled;		
	<ul> <li>Types of raw materials to</li> </ul>	be peeled;		
	<ul> <li>Standard criteria of the peeled fruits and vegetables.</li> </ul>			
	Task: Peel fruit and vegetables.			
	Time: N/A			
	Standard/Criteria:			
	Waste are controlled;			
	<ul> <li>Peeled materials are kep</li> </ul>	ot free from peel.		
Related technical knowledge	<ul> <li>Meaning and Importance of peeling;</li> </ul>			
	<ul> <li>Points to be considered while peeling;</li> </ul>			
	<ul> <li>Procedure of peeling.</li> </ul>			
Safety/precaution	Use PPE;			
	<ul> <li>Waste control is crucial w</li> </ul>	vhile peeling.		
Tools, equipment and materials	Peeler, knife;			
	Container and			
	<ul> <li>Chopping board.</li> </ul>			

Task number:	45.			
Task statement:	Cut fruit and vegetables.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Types of raw materials an</li> </ul>	d design;		
	Quantity of raw materials	to be cut;		
	Standard or desire size an	nd criteria.		
	Task: Cut fruit and vegetables			
	Time: 15 minutes /kg.			
	Standard/Criteria:			
	<ul> <li>Types and quantity is maintained as per the given;</li> </ul>			
	<ul> <li>Cutting is done as per the given design;</li> </ul>			
	Cutting is done as per the	given standard criteria.		
Related technical knowledge	Meaning and Importance of cutting;			
	<ul> <li>Points to be considered while cutting;</li> </ul>			
	<ul> <li>Procedure of cutting.</li> </ul>			
Safety/precaution	Use PPE;			
	Given size and design is i	mportant.		
Tools, equipment and materials	<ul> <li>Knife, Sarauto, sickle;</li> </ul>			
	<ul> <li>Fruits and vegetable cutter;</li> </ul>			
	<ul> <li>Container and chopping b</li> </ul>			

Task number:	46.			
Task statement:	Make slice by slicer.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Washed and peeled fruits a</li> </ul>	and vegetables;		
	Types and quantity of raw	materials to be sliced;		
	Standard specification of the slice.			
	Task: Make slice by slicer.			
	Time: 30 minutes /kg.			
	Standard/Criteria:			
	<ul> <li>Product is made as per the given standard specification;</li> </ul>			
	<ul> <li>Thickness of slices are maintained similar;</li> </ul>			
	<ul> <li>Slices are kept in Slice container.</li> </ul>			
Related technical knowledge	<ul> <li>Meaning and importance of slicing,</li> </ul>			
	Operating procedure of slicer;			
	<ul> <li>Types/name of materials to</li> </ul>	be sliced during process	sing;	
	<ul> <li>Points to be consider while making slice.</li> </ul>			
Safety/precaution	Handle the tools safely;			
	Given size, shape and thic	k ness of slice is prime.		
Tools, equipment and materials	Slicer, knife, container;			
	<ul> <li>Bucket, safety wares, water, soap and towel</li> </ul>			

Task number:	47.			
Task statement:	Marinate prepared materials.			
Level of task:	Significance Ease Occure			
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Prepared raw materials,</li> </ul>			
	<ul> <li>Quantity of raw materials</li> </ul>	s to be marinate;		
	<ul> <li>Standard or desired crite</li> </ul>	eria of the marinated produc	t.	
	Task: Marinate prepared (cu	t) materials.		
	Time: 15 minutes /lot.			
	Standard/Criteria:			
	<ul> <li>Marination is done as per the given quantity;</li> </ul>			
	<ul> <li>Marination is done as per given criteria;</li> </ul>			
	<ul> <li>Color, smell, and texture is maintained as per given criteria.</li> </ul>			
Related technical knowledge	Meaning and Importance of marination;			
	<ul> <li>Points to be considered</li> </ul>	while marination;		
	<ul> <li>Procedure of marination</li> </ul>	of prepared fruits and vege	tables.	
Safety/precaution	<ul> <li>Apply safety wears;</li> </ul>			
	<ul> <li>Desired test is prime;</li> </ul>			
	<ul> <li>Smell and aroma is important</li> </ul>	ortant.		
Tools, equipment and materials	Oil, species;			
	<ul> <li>Essence, color and</li> </ul>			
	Container.			

Task number:	48.			
Task statement:	Perform sieving			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Prepared raw materials;</li> </ul>			
	<ul> <li>Types and quantity of raw materials;</li> </ul>			
	<ul> <li>Standard or desired crite</li> </ul>	eria of the product.		
	Task: Perform sieving			
	Time: 5 minutes /kg. materia	als.		
	Standard/Criteria:			
	<ul> <li>Sieving is done as per the</li> </ul>	e given types and quantity of	of raw materials;	
	<ul> <li>Sieving is done as per the</li> </ul>	e given standard or desired	criteria.	
Related technical knowledge	Meaning and Importance	e of sieving,		
	Points to be considered	while sieving,		
	<ul> <li>Procedure of sieving.</li> </ul>			
Safety/precaution	Apply safety wears and			
	Size of materials is critical.			
Tools, equipment and materials	<ul> <li>Sieving machine;</li> </ul>			
	Nanglo, net and pulper.			

Task number:	49.			
Task statement:	Boil raw materials for processing.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Prepared raw materials</li> </ul>	for processing;		
	<ul> <li>Types and quantity of ra</li> </ul>	w materials to be boiled;		
	<ul> <li>Required standard/criter</li> </ul>	ia as per the types of fruits/v	regetables.	
	Task: Boil raw materials for p	processing.		
	Time: 15 minutes /5 kg. mate	erials.		
	Standard/Criteria:			
	<ul> <li>Boiling is done as per the given types and quantity of fruits and v</li> <li>Boiling is done as per the given standard criteria.</li> </ul>			
Related technical knowledge	Meaning and Importance	e of boiling;		
	<ul> <li>List of fruits and vegetab</li> </ul>	les that can be boiled during	g processing;	
	Points to be considered	while boiling fruits and vege	tables;	
	<ul> <li>Procedure of boiling fruit</li> </ul>	s and vegetables.		
Safety/precaution	<ul> <li>Apply safety wears;</li> </ul>			
	Boil only those fruits and	vegetables which can be be	piled;	
	<ul> <li>Each types of fruits and</li> </ul>	vegetables cannot be boiled	l.	
Tools, equipment and materials	Water;			
	• Gas (fuel);			
	<ul> <li>Required fruits;</li> </ul>			
	Container, cotton cloth;			
	Spoon, tray and jail.			

Task number:	50.			
Task statement:	Soak raw materials for processing.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	Prepared raw materials	for processing;		
	<ul> <li>Types and quantity of ra</li> </ul>	w materials to be soaked;		
	<ul> <li>Standard or desired criteria of soaking.</li> </ul>			
	Task: Soak raw materials for processing.			
	Time: 15 minutes /lot materials			
	Standard/Criteria:			
	<ul> <li>Soaking is done as per the given quantity and types of raw materials;</li> </ul>			
	<ul> <li>The ratio of raw material</li> </ul>	s and water is maintained;		
	<ul> <li>Soaking is done as per the given standard criteria;</li> </ul>			
	<ul> <li>Soaking time is recorded</li> </ul>			
Related technical knowledge	Meaning and Importance	e of soaking of raw materials	s before processing;	
	Points to be considered	while soaking fruits and veg	etables;	
	<ul> <li>Procedure of soaking rate</li> </ul>	w materials during processir	ng.	
Safety/precaution	<ul> <li>Apply safety wears;</li> </ul>			
	<ul> <li>Soaking duration and types of fruits and vegetables are important.</li> </ul>			
Tools, equipment and materials	Water, container;			
	Net, fruits and			
	Vegetables.			

Task number:	51.			
Task statement:	Blanch fruit and vegetables.			
Level of task:	Significance	Ease	Occurence	
	3	3	2	
Terminal performance standard	Given Condition:			
	<ul> <li>Types and quantity of ra</li> </ul>	w materials to be blanched;		
	<ul> <li>Prepared raw materials for blanching;</li> </ul>			
	<ul> <li>Desired criteria or blanching procedure or standard.</li> </ul>			
	Task: Blanch fruit and vegetables.			
	Time: 10 minutes /5 kg. materials.			
	Standard/Criteria:			
	<ul> <li>Blanching is done as per the desired criteria or standard;</li> </ul>			
	Blanching is done as per the given quantity and types of raw material			
Related technical knowledge	<ul> <li>Meaning and importance of blanching;</li> </ul>			
	<ul> <li>Procedure of blanching of raw materials;</li> </ul>			
	<ul> <li>Types of raw materials the second seco</li></ul>	hey can be processed by bla	anching;	
	Points to be considered	while blanching.		
Safety/precaution	Handle chemicals safely	, ,		
	<ul> <li>PPM of blanching chemi</li> </ul>	cals is crucial.		
Tools, equipment and materials	Water, Potassium Meta bi-sulphate (KMS);			
	Container and fuel.			

Task number:	52.		
Task statement:	Filter raw materials		
Level of task:	Significance	Ease	Occurence
	3	3	3
Terminal performance standard	Given Condition:		
	<ul> <li>Types and quantity of bla</li> </ul>	nched raw materials	
	Quantity and standard cri	teria or sample.	
	Task: Filter raw materials		
	Time: 2 minutes / kg. materia	lls	
	Standard/Criteria:		
	<ul> <li>Filtration is done as per the</li> </ul>		
	<ul> <li>Filtered product is filtered as per the given quantity.</li> </ul>		
Related technical knowledge	Meaning and Importance	of filtration;	
	<ul> <li>Points to be considered w</li> </ul>	vhile filtrating;	
	<ul> <li>Procedure of filtration.</li> </ul>		
Safety/precaution	Apply safety wears;		
	<ul> <li>Standard or quality of final</li> </ul>	al filtered product is importar	nt.
Tools, equipment and materials	Filter / net, cloth;		
	<ul> <li>Paper and container.</li> </ul>		

Task number:	53.			
Task statement:	Grind raw materials.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Materials prepared for given by the second se</li></ul>	nding;		
	<ul> <li>Types and quantity of ray</li> </ul>	w materials to be grinded;		
	<ul> <li>Particle size or criteria of</li> </ul>	the final product or		
	<ul> <li>Sample of the final size.</li> </ul>			
	Task: Grind raw materials			
	Time: 20 minutes /kg ingredients			
	StandardCriteria:			
	<ul> <li>Grinding is done as per the given standard criteria;</li> </ul>			
	<ul> <li>Product is grinded as per</li> </ul>			
Related technical knowledge	<ul> <li>Meaning and Importance of grinding;</li> </ul>			
	<ul> <li>Points to be considered while grinding;</li> </ul>			
	<ul> <li>Procedure of grinding of raw materials;</li> </ul>			
	<ul> <li>List of materials to be grinded.</li> </ul>			
Safety/precaution	Apply safety wears;			
	Handle grinder safely.			
	<ul> <li>Grinded particle size or sample is important.</li> </ul>			
Tools, equipment and materials	Grinder, spoon;			
	<ul> <li>materials to be grinded;</li> </ul>			
	Container and spatula,			

Task number:	54.			
Task statement:	Cook raw materials for processing.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Materials prepared for contract</li> </ul>	ooking;		
	<ul> <li>Types and quantity of rate</li> </ul>	w materials to be cooked;		
	<ul> <li>Standard criteria of the cooked product based on types of materials.</li> </ul>			
	Task: Cook reaw amaterials	for processing.		
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Cooking is done as per the given standard or criteria;</li> </ul>			
	<ul> <li>Product is cooked as per</li> </ul>	tity;		
	<ul> <li>Product is free from over cooked;</li> </ul>			
	<ul> <li>Product is kept in a sepa</li> </ul>			
Related technical knowledge	<ul> <li>Meaning and importance of cooking fruits and vegetable for processing;</li> </ul>			
	Points to be considered	while cooking raw materials	,	
	Procedure of cooking ray	w materials;		
	<ul> <li>Cooking stages requiren</li> </ul>	nent of different fruit and veg	getables.	
Safety/precaution	Apply safety wears;			
	<ul> <li>Avoid over cooking.</li> </ul>			
Tools, equipment and materials	<ul> <li>Stove/fuel;</li> </ul>			
	Cooker, spoon, container and water.			

Task number:	55.			
Task statement:	Mix prepared processing materials			
Level of task:	Significance	Occurence		
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Materials prepared for m</li> </ul>	nixing;		
	<ul> <li>Quantity and types of rate</li> </ul>	w materials to be mixed;		
	<ul> <li>Proportion of different rate</li> </ul>	w materials to be mixed.		
	Task: Mix prepared process	•		
	Time: 15 minutes /lot materials.			
	Standard/Criteria:			
	<ul> <li>Mixing is done as per the</li> </ul>			
	<ul> <li>Mixed materials are record</li> </ul>			
	<ul><li>Mixture of ingredients are seen well mixed;</li><li>Mixture is kept in separate container.</li></ul>			
Related technical knowledge	Meaning and Importance of mixing;			
	<ul> <li>Points to be considered</li> </ul>	while mixing;		
	<ul> <li>Procedure of mixing raw</li> </ul>	materials;		
	<ul> <li>Calculation of proportion/ratio of mixing raw materials.</li> </ul>			
Safety/precaution	Apply safety wears;			
	<ul> <li>Calculation and exact proportion is crucial.</li> </ul>			
Tools, equipment and materials	<ul> <li>Mixture, blender, spoon,</li> </ul>	mixing materials/ingredients	S;	
	<ul> <li>Container, spatula, cloth</li> </ul>	and paper.		

Task number:	56.			
Task statement:	Pasteurize intermediate products.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Materials prepared for parent f</li></ul>	asteurization;		
	<ul> <li>Types and quantity of int</li> </ul>	ermediate products;		
	<ul> <li>Standard criteria or proce</li> </ul>	ess or pasteurization time a	nd temperature.	
	Task: Pasteurize intermediate products. Time: 30 mitutes /lot			
	Standard/Criteria:			
	Pasteurization is done as per the given quantity of intermediate produce			
	Pasteurization is done as per the given standard criteria or time and temperature.			
Related technical knowledge	Meaning and Importance	e of pasteurization;		
	<ul> <li>Points to be considered</li> </ul>	while pasteurizing;		
	<ul> <li>Types of pasteurization (</li> </ul>	(HTST and LTLT);		
	<ul> <li>Procedure of pasteurizat</li> </ul>	ion.		
Safety/precaution	Apply safety wears;			
	• Be careful while setting the high temperature;			
Tools, equipment and materials	<ul> <li>Pasteurizer;</li> </ul>			
	<ul> <li>Intermediate products.</li> </ul>			

Task number:	57.			
Task statement:	Perform deep fry.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Materials prepared for deep</li> </ul>	p fry;		
	<ul> <li>Types and quantity of raw materials to be deep fried;</li> </ul>			
	Sample of deep-fried products.			
	Task: Perform deep fry.			
	Time: 10 minutes /lot of materials.			
	Standard/Criteria:			
	The product is made crunchy;			
	<ul> <li>Taste, smell, and color are</li> </ul>	found as per given sam	ple.	
Related technical knowledge	<ul> <li>Meaning and Importance of deep fry;</li> </ul>			
	<ul> <li>Points to be considered while deep fry;</li> </ul>			
	<ul> <li>Products prepared by deep</li> </ul>	o fry;		
	<ul> <li>Procedure of deep fry.</li> </ul>			
Safety/precaution	Wear safety glasses, apron, and hat;			
	<ul> <li>Take care with fire and hot oil.</li> </ul>			
Tools, equipment and materials	Pan, oil, spatula, materials to be fried;			
	• Turner, container, fuel (gas) and thermometer.			

Task number:	58.		
Task statement:	Perform extraction by distillation.		
Level of task:	Significance	Ease	Occurence
	3	2	3
Terminal performance standard	Given Condition:		
	<ul> <li>Materials prepared for ex</li> </ul>	ctraction by distillation;	
	<ul> <li>Types and quantity of rate</li> </ul>	w materials to be extracted;	
	<ul> <li>Standard procedure or specification of the products or sample.</li> </ul>		
	Task: Perform extraction b	by distillation.	
	Time: N/A		
	Standard/Criteria:		
	<ul> <li>Standard procedure of d</li> </ul>		
	<ul> <li>Product is found as per t</li> </ul>	he given specification or sa	mple.
Related technical knowledge	Meaning and importance	of extraction by distillation;	
	Type of materials which	are extracted by distillation;	
	Points to be considered	while extracting by distillatio	n;
	Procedure of extraction	by extraction by distillation.	
Safety/precaution	Standard procedure is crucial;		
	Apply safety wears and I	nandle the tools safely.	
Tools, equipment and materials	Safety wear, distillation unit set, fuel, electricity supply;		
	Container, filter paper, conical flask, separator, water, soap and towel.		

Task number:	59.		
Task statement:	Process fruits and vegetables by fermentation.		
Level of task:	Significance	Ease	Occurence
	3	2	3
Terminal performance standard	Given Condition:		
	<ul> <li>Raw materials prepared for fermentation;</li> </ul>		
	<ul> <li>Types and quantity of raw materials to be fermented;</li> </ul>		
	<ul> <li>Standard procedure and specification or fermented sample.</li> </ul>		
	Task: Process fruits and vegetables by fermentation.		
	Time: N/A		
	Standard/Criteria:		
	<ul> <li>Standard procedure of fermentation is followed;</li> </ul>		
	<ul> <li>Product is found as per the given specification or sample.</li> </ul>		
Related technical knowledge	<ul> <li>Meaning and importance of extraction by distillation;</li> </ul>		
	<ul> <li>Type of materials which are extracted by distillation;</li> </ul>		
	<ul> <li>Procedure of extraction by extraction by distillation;</li> </ul>		
	<ul> <li>Points to be considered while extracting by distillation.</li> </ul>		
Safety/precaution	Apply safety wears;		
	Handle the tools safely and fallow fermentation principle.		
Tools, equipment and materials	Safety wear;		
	Distillation unit set;		
	Fuel, electricity supply;		
	Filter paper, conical flask;		
	Separator, materials to be ferment;		
	Water, soap and towel.		
Task number:	60.		
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Task statement:	Sterilize product		
Level of task:	Significance	Ease	Occurence
	3	2	3
Terminal performance standard	Given Condition:		
	<ul> <li>Intermediate products p</li> </ul>	repared for sterilization;	
	<ul> <li>Types and quantity of fi</li> </ul>	nal or intermediate products	5;
	Standard criteria or pro	cedure or method.	
	Task: Sterilize products.		
	Time: N/A		
	Standard/Criteria:		
	<ul> <li>Sterilization is done as per the standard criteria or process;</li> </ul>		
	<ul> <li>Sterilization is done as per the given method and required quantity.</li> </ul>		
Related technical knowledge	Meaning and Importance of sterilization of products;		
	<ul> <li>Points to be considered while sterilizing products;</li> </ul>		
	Procedure of sterilization of products.		
Safety/precaution	Apply safety wears;		
	Handle the tools safely;		
	Fallowing the standard procedure of sterilization is crucial.		
Tools, equipment and materials	Autoclave;		
	Final or intermediate products;		
	Pressure gauge and stove.		

Task number:	61.				
Task statement:	Apply additives and preservatives.				
Level of task:	Significance	Ease	Occurence		
	3	2	3		
Terminal performance standard	Given Condition:				
	Intermediate products	for adding additives and pre	servatives;		
	Types and quantity of	intermediate products;			
	Standard specification	or ration or PPM of the add	itives and preservatives.		
	Task: Apply additives and pr	eservatives.			
	Time: 10 minutes / lot materials.				
	Standard/Criteria:				
	• Calculated additives/preservatives are as per supervisor's calculation and				
	recommendation;				
	Additives and preserva	atives are added as per the g	viven standard specification.		
Related technical knowledge	Meaning and importan	ce of additives and preserva	atives,		
	Procedure of mixing a	dditives and preservatives,			
	Types of products nee	ded additives and preservat	ives,		
	Points to be consider.				
Safety/precaution	<ul> <li>Apply safety wears;</li> </ul>				
	<ul> <li>Proportion calculation is prime important;</li> </ul>				
	Apply only edible and recommended proportion of additives and pres				
Tools, equipment and materials	Desired types of prese	rvative and additive;			
	Weighing balance, safety wears;				
	Mixture, container and	spatula.			

Task number:	62.			
Task statement:	Perform sensory test			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	Sample of raw materia	Is / intermediate products or	ſ	
	Final products of the p	rocessing;		
	Specified or standard of	criteria.		
	Task: Perform sensory test			
	Time: 5 minutes /sample.			
	Standard/Criteria:			
	<ul> <li>The test result is found as per the specified criteria or</li> </ul>			
	<ul> <li>The test result is matched with the test result of the supervisor;</li> </ul>			
	Taste, smell, texture, color, species content are found as per the given sample			
	Test result is recorded.			
Related technical knowledge	<ul> <li>Meaning and Importance of sensory test;</li> </ul>			
	Points to be considere	d while conducting sensory	test;	
	Procedure of sensory f	est.		
Safety/precaution	Wear safety wears;			
	Handle tools. equipment and materials safely;			
	Avoid contamination while testing.			
Tools, equipment and materials	Spoon, forceps, testing samples;			
	Bowl and plate.			

Task number:	63.				
Task statement:	Conduct pH test.				
Level of task:	Significance Ease Occurer				
	3	2	3		
Terminal performance standard	Given Condition:				
	Sample of final produc	t;			
	During processing or i	ntermediate products;			
	Desired pH of the proc	lucts.			
	Task: Conduct pH test.				
	Time: 5 minutes /sample of the product .				
	Standard/Criteria:				
	<ul> <li>The test result is as per the specified criteria or</li> </ul>				
	The test result matched with the test result of the supervisor.				
Related technical knowledge	Meaning and Importance of pH test;				
	<ul> <li>Points to be considered while conducting pH test;</li> </ul>				
	Procedure of conducti	ng pH test.			
Safety/precaution	Testing procedure is critical;				
	Apply safety wears;				
	Handle tools, equipment and materials safely.				
Tools, equipment and materials	Sample of the product	S;			
	pH meter or pH paper;				
	Beaker and bowl.				

Task number:	64.			
Task statement:	Conduct acidity test			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	Sample of final produc	ts		
	During processing of fill	uits and vegetables;		
	Standard or recomment	nded acidity level of the prod	ucts.	
	Task: Conduct acidity test			
	Time: 5 minutes /sample			
	Standard/Criteria:			
			eria or matched with the test	
	result of the superviso	ſ.		
Related technical knowledge	<ul> <li>Meaning and Importance of acidity test;</li> </ul>			
	<ul> <li>Types of chemicals and reagents used for acidity test;</li> </ul>			
		d while performing acidity te	st;	
	Procedure of acidity te	st.		
Safety/precaution	<ul> <li>Apply safety wears;</li> </ul>			
	Handle tools, equipme	nt and materials safely.		
Tools, equipment and materials	Sample,			
	Sodium Hydroxide;			
	Phenolphthalein, burette, pipette;			
	Conical flask, beaker and			
	Universal indicator.			

Task number:	65.			
Task statement:	Conduct Brix Test			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	Sample of final produc	ots		
	During processing			
	Specified standard or requirement.			
	Task: Conduct Brix Test.			
	Time: 5 minutes /sample.			
	Standard/Criteria:			
	The test result is as per	er the test result of the super	visor.	
Related technical knowledge	Meaning and Importar	nce of Brix test;		
	Points to be considered	ed while performing of Brix te	st;	
	Procedure of Brix test.			
Safety/precaution	Apply safety wears;			
	Handle tools safely;			
	Fallow standard procedure.			
Tools, equipment and materials	Refractrometer;			
	• Sample and dropper.			

Task number:	66.			
Task statement:	Conduct salt test			
Level of task:	Significance Ease Occure			
	3	2	3	
Terminal performance standard	Given Condition:			
	Sample of final produc	t		
	During processing of f	ruits and vegetables;		
	Specified standard or	recommended level of salt.		
	Task: Conduct salt test			
	Time: 5 minutes /sample.			
	Standard/Criteria:			
	The test result is recorded as per the specified criteria or matched with the			
	result of the supervisor.			
Related technical knowledge	Meaning and Importance of salt test,			
	Points to be considere	d while conducting salt test,		
	Procedure of salt test.			
Safety/precaution	Silver nitrate;			
	Potassium chromate, burette and pipette			
Tools, equipment and materials	Container;			
	• burette;			
	Pipette and sample.			

Task number:	67.			
Task statement:	Perform moisture content test			
Level of task:	Significance Ease Occurence			
	3	2	3	
Terminal performance standard	Given Condition:			
	Sample of intermediate	e or final product;		
	<ul> <li>During processing;</li> </ul>			
	Recommended moistu	ire content;		
	Specified criteria or sta	andard procedure.		
	Task: Perform moisture cont	ent test.		
	Time: 5 minutes /sample.			
	Standard/Criteria:			
	Test result is recorded;			
	• The test result is as per the specified criteria or matches with the test result of			
	the supervisor.			
Related technical knowledge	<ul> <li>Meaning and Importance of moisture content test;</li> </ul>			
	Points to be considere	d while performing moisture	content test;	
	Procedure of moisture content test.			
Safety/precaution	Handle tools and chemical safely;			
	Fallow standard procedure.			
Tools, equipment and materials	Moisture meter;			
	Sample, beaker and			
	Container.			

Task number:	68.			
Task statement:	Measure temperature of the products.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	Sample of the different	t products;		
	During the course of p	rocessing;		
	Types and quantity of	sample;		
	Specified criteria or procedure and recommended moisture content.			
	Task: Measure temperature of the products.			
	Time: 2 minutes /sample.			
	Standard/Criteria:			
	The temperature is rec	corded as per the specified	criteria or matched with the	
	test result of the super	visor;		
	Temperature is recorded.			
Related technical knowledge	Meaning and Importan	ce of measuring temperatur	e;	
	Points to be considere	d while measuring temperat	ure;	
	Procedure of measuring	g temperature.		
Safety/precaution	<ul> <li>Apply safety wears;</li> </ul>			
	Fallow standard procedure;			
	Handle tools and equipment safely.			
Tools, equipment and materials	Sample and			
	Thermometer.			

Task number:	69.				
Task statement:	Perform consistency test of the final products.				
Level of task:	Significance Ease Occurence				
	3	3	3		
Terminal performance standard	Given Condition:				
	Sample of the final pro	ducts, during the course of	processing;		
	Number of sample of f	inal products;			
	<ul> <li>Specified criteria.</li> </ul>				
	Task: Perform consistency t	est of final products.			
	Time: 5 minutes /sample.				
	Standard/Criteria:				
	<ul> <li>The test result is recorded as per the specified criteria;</li> </ul>				
	Products are seen unit	form in color, volume, taste, f	lavor, aroma, and viscosity.		
Related technical knowledge	Meaning and Importar	nce of consistency;			
	Points to be considered	d while performing consister	ncy test;		
	Procedure of consister	ncy test.			
Safety/precaution	Taste, volume, color, flavor and viscosity are noted;				
	Handle tools and equipment safely.				
Tools, equipment and materials	Bostwick consistometer and				
	Sample of the product	S.			

Task number:	70.			
Task statement:	Perform filling of processed final products.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Types and quantity of f</li> </ul>	final products;		
	• Desired volume or weight of the product in per unit pack or container.			
	Task: Perform filling of processed final products.			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>The filling is done as per the given weight or volume;</li> </ul>			
	Filled pack or container is free from air bubble.			
Related technical knowledge	Meaning and Importance of filling;			
	Points to be considered while filling;			
	Procedure of filling.			
Safety/precaution	Given weight and volu	me is critical;		
	Handle machine, tools and equipment safely.			
Tools, equipment and materials	Spoon, bottle, paper;			
	Filling machine;			
	Weighing machine;			
	Funnel and ladle.			

Task number:	71.		
Task statement:	Seal pouch		
Level of task:	Significance	Ease	Occurence
	3	3	3
Terminal performance standard	Given Condition:		
	Filled pouch (pouch co	ontaining finished product);	
	Quantity or number of	the pouch;	
	Standard of sealing pouch.		
	Task: Seal pouch.		
	Time: 3 minutes /pouch.		
	Standard/Criteria:		
	Pouch is sealed air tight;		
	Pouch is kept safely in different container.		
Related technical knowledge	Meaning and Importance of sealing of pouch;		
	<ul> <li>Points to be considered while sealing of pouch;</li> </ul>		
	Procedure of sealing of	f pouch.	
Safety/precaution	Air tight is critical;		
	Handle machine, tools	and equipment safely.	
Tools, equipment and materials	Filled pouches;		
	Heat sealing machine.		

Task number:	72.			
Task statement:	Perform vacuum sealing			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	Finished products with	filled pouch / container;		
	Quantity and number of pouch to be vaccume sealed.			
	Task: Perform vacuum sealing.			
	Time: 5 minutes /pack			
	Standard/Criteria:			
	Packed final product is free from air;			
	Packet is prepared as	per the given specifications	or references.	
Related technical knowledge	Meaning and Importance of vacuum sealing;			
	Points to be considered while vacuum sealing;			
	Procedure of vacuum sealing.			
Safety/precaution	Making free from air po	ocket is prime;		
	Handle machine, tools	, equipment safely		
Tools, equipment and materials	Vacuum machine,			
	Filled pouches;			
	Plastic and			
	Electricity supply.			

Task number:	73.			
Task statement:	Perform induction sealing.			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	Number and quantity of	of filled bottle;		
	Standard criteria of inc	luction.		
	Task: Perform induction seal	ing.		
	Time: 5 minutes /bottle.			
	Standard/Criteria:			
	Sealing is done as per	the specified criteria;		
	<ul> <li>Performed as per the given number or quantity of the filled bottle.</li> </ul>			
Related technical knowledge	Meaning and Importar	ice of induction sealing;		
	<ul> <li>Types of sealing;</li> </ul>			
	Points to be considere	d while induction sealing;		
	Procedure of induction	i sealing.		
Safety/precaution	Sealing needs to be st	rong and tight;		
	Handle machine, tools	and equipment safely.		
Tools, equipment and materials	Sealing materials;			
	Automated induction s			

Task number:	74.			
Task statement:	Perform capping			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:		-	
	Numbers of bottle need	led to be sealed by induct	ion;	
	Standard criteria of capping.			
	Task: Perform capping			
	Time: 5 minutes /bottle			
	Standard/Criteria:			
	<ul> <li>Capping is performed strong and tight or done as per the specified criteria;</li> </ul>			
	• Capping is done as per the given number or quantity of filled and sealed bottle.			
Related technical knowledge	Meaning and Importance of capping;			
	<ul> <li>Types of capping;</li> </ul>			
	<ul> <li>Points to be considered while capping;</li> </ul>			
	Procedure of capping.			
Safety/precaution	Capping should be tight and strong;			
	Handle machine;			
	Tools, equipment safely.			
Tools, equipment and materials	Cap and sealed bottle;			
	Automated capping machine.			

Task number:	75.			
Task statement:	Measure volume of liquid			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Quantity of liquid mate</li> </ul>	rials to be measured;		
	Unit of measurement of	r system.		
	Task: Measure volume of liqu	bid		
	Time: 3 minutes / liter liquid			
	Standard/Criteria:	iteria:		
	The reported measure	ment are matched with the r	measurement taken by the	
	supervisor.			
Related technical knowledge	<ul> <li>Meaning and Importance of measuring volume of liquid,</li> </ul>			
	<ul> <li>Types of liquid measurements;</li> </ul>			
	Points to be considered	d while measuring volume o	f liquid,	
	Procedure of measurin	g volume of liquid.		
Safety/precaution	Given unit and consister	ent is prime;		
	Handle machine, tools	and equipment safely.		
Tools, equipment and materials	Measuring liquid mater	ials;		
	<ul><li>Measuring cylinder;</li><li>Container and</li></ul>			
	Funnel.			

Task number:	76.			
Task statement:	Perform labelling			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	Final packed, sealed a	nd capped products;		
	Required information t	o be provided in the product	s or	
	Prepared lebel or ssta	ndard criteria of label.		
	Task: Perform labelling			
	Time: 30 second /pack.			
	Standard/Criteria:			
	Required information is provided;			
	All information is found visible;			
	<ul> <li>Label is fixed and tight</li> </ul>			
Related technical knowledge	Meaning and Importance of labelling;			
	<ul> <li>Points to be considered while labelling;</li> </ul>			
	<ul> <li>Procedure of labelling;</li> </ul>			
	<ul> <li>Information to be giver</li> </ul>	n in the label.		
Safety/precaution	Manufacture date and	expiry date is prime;		
	Handle machine, tools	, equipment safely		
Tools, equipment and materials	Sticker or prepared label;			
	Packed products;			
	Glue and scissor.			

Task number:	77.			
Task statement:	Perform wrapping.			
Level of task:	Significance	Ease	Occurence	
	3	1	3	
Terminal performance standard	Given Condition:			
	Final packed and labeled	products,		
	Quantity and standard criteria of wrapping.			
	Task: Perform wrapping.			
	Time: 8 minutes /pack.			
	Standard/Criteria:			
	<ul> <li>Wrapping is done as per the given standard criteria;</li> </ul>			
	Wrapping is done as per the given quantity.			
Related technical knowledge	Meaning and Importance of wrapping;			
	<ul> <li>Types of wrapping and common wrapping materials;</li> </ul>			
	<ul> <li>Points to be considered while wrapping;</li> </ul>			
	Procedure of wrapping.			
Safety/precaution	Wrapping needs to be tight and strong;			
	Handle machine, tools and equipment safely.			
Tools, equipment and materials	Polythene;			
	Final labeled product;			
	Hot air gun (blower).			

Task number:	78.			
Task statement:	Determine price of per unit product.			
Level of task:	Significance	Ease	Occurence	
	3	3	3	
Terminal performance standard	Given Condition:			
	Quantity of final produ	ct		
	Record of total investn	nent of the products;		
	Profit ratio.			
	Task: Determine price of per	unit product.		
	Time: 65 minutes /lot of production.			
	Standard/Criteria:			
	<ul> <li>The price is determined as per the given profit ratio or</li> </ul>			
	The determined price is as per the price determined by the superv			
Related technical knowledge	<ul> <li>Meaning and Importance of determining price;</li> </ul>			
	Common profit ratio of	Common profit ratio of the products;		
	Points to be considere	d while determining price;		
	Procedure of determin	ing price.		
Safety/precaution	Profit ratio is important	 ,		
	Handle machine, tools	and equipment safely.		
Tools, equipment and materials	<ul> <li>Pen, calculator;</li> </ul>			
	Production record;			
	Investment record;			
	Computer and stationery kit.			

Task number:	79.			
Task statement:	Collect demand			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	<ul> <li>Product details;</li> </ul>			
	<ul> <li>Stock details;</li> </ul>			
	• Other requirement (if any) as per the company.			
	Task: Collect demand.			
	Time: N/A			
	Standard/Criteria:			
	<ul> <li>Description of the products is given to the suppliers;</li> </ul>			
	Collected demands are recorded;			
	<ul> <li>Price, delivery date, place is recorded;</li> </ul>			
	Demand is collected n	egotiated as per the product	luction capacity or stock.	
Related technical knowledge	Meaning and Importan	nce of collecting demand;		
	Points to be considere	d while collecting demand;		
	Procedure of collecting	g demand.		
Safety/precaution	Stock and products de	tails are prime;		
	Handle machine, tools	, equipment safely		
Tools, equipment and materials	Phone, internet;			
	Products details;			
	Stock records, production record and vehicle.			

Task number:	80.			
Task statement: Display products in exhibition		Task statement: Disp	tion	
Level of task:	Significance	Ease	Occurence	
	3	2	1	
Terminal performance standard	Given Condition:			
	<ul> <li>Exhibition site and spatial</li> </ul>	ace or stall and agreed desi	gn or layout;	
	Types and quantity of	products to be displayed.		
	Task: Display products in ex	hibition		
	Time: NA ( Depends on the space and types of products to be displayed)			
	Standard/Criteria:			
	All products are found visible;			
	<ul> <li>Ensured free to move for visitors or free from obstacles;</li> </ul>			
	All the products are labeled;			
	• The displaying is done as per the given layout or agreement.			
Related technical knowledge	<ul> <li>Meaning and importance products exhibition;</li> </ul>			
	<ul> <li>Types of products exhibited and their characteristics;</li> </ul>			
	• Points to be considered while placing products in exhibition stall;			
	Common methods of displaying of products in exhibition stall.			
Safety/precaution	Layout, space, and quantity of products to be displayed are prime;			
	Apply safety wears and handle products carefully.			
Tools, equipment and materials	Safety wears;, varietie	s of products, wheelbarrow	1	
	• Placing furniture or cub boards or stands, copy of layout of exhibition stall.			

Task number:	81.			
Task statement:	Transport / deliver products/materials			
Level of task:	Significance	Ease	Occurence	
	3	2	3	
Terminal performance standard	Given Condition:			
	Demand slip, agreeme	ent;		
	<ul> <li>Quantity and types of the second secon</li></ul>	final products;		
	Delivery place/compar	ny / market (location)		
	Task: Transport / deliver pro-	ducts / materials.		
	Time: N/A			
	Standard/Criteria:			
	Transported / delivered product/material is as per the given quantity and types;			
	The list of transportation	on / delivery materials is che	ecked;	
	Delivery or transport s	lip is prepared and documer	nted;	
	Delivered or transporter	ed products / materials are s	afe and undamaged;	
	Vehicle Consignment	Tracking System (VCTS) is	installed in the vehicle.	
Related technical knowledge	Meaning and Important	ice of transporting and delive	ering;	
	Points to be considere	d while transporting and del	ivering;	
	Procedure of transport	ing and delivering products	and materials;	
	<ul> <li>VCTS system.</li> </ul>			
Safety/precaution	Demand slip, VCTS and product or materials safety is crucial;			
	Handle machine, tools, equipment safely			
Tools, equipment and materials	Vehicle, computer; due	e date, products/materials to	be transported;	
	Stationery kit, demand	slips, delivery slip, custome	er / suppliers details.	

Task number:	82.			
Task statement:	Receive sales' return			
Level of task:	Significance	Ease	Occurence	
	3	1	3	
Terminal performance standard	Given Condition:			
	Rules and regulations of	of the company;		
	Suggestions / Order of	the authority;		
	Records of bills and slip	DS;		
	Task: Receive sales' return.			
	Time: 15 minutes /single prod	luct.		
	Standard/Criteria:			
	<ul> <li>Returning is done as per the company rules and regulation;</li> </ul>			
	<ul> <li>Returning is done as per the authority order and suggestion;</li> </ul>			
	The causes of return are recorded;			
	• The report of receiving the sales return is recorded;			
	Return record is reported to the authority.			
Related technical knowledge	Meaning and Importance of receiving sales' return;			
	<ul> <li>Points to be considered while receiving sales' return;</li> </ul>			
	Procedure of receiving sales' return.			
Safety/precaution	Company rules, regulation and order is prime;			
	Check conditions of the returned products;			
	Handle returned products safely.			
Tools, equipment and materials	Returned products;	· ·		
	Sells bills and slips;			
	Stationary kit.			

Task number:	83.				
Task statement:	Perform Inventory of processing plant/industry.				
Level of task:	Significance	Occurence			
	3	1	3		
Terminal performance standard	Given Condition:				
	<ul> <li>Stock book, past inver</li> </ul>	ntory records;			
	<ul> <li>Standard forms and forms</li> </ul>	rmats.			
	Task: Perform inventory of p	rocessing plant / industry.			
	Time: N / A				
	Standard/Criteria:				
	<ul> <li>Inventory record is bal</li> </ul>	anced with entry and exit of	materials;		
	<ul> <li>Stock book is updated</li> </ul>	• ን			
	<ul> <li>Inventory record is dor</li> </ul>	ne as per given format;			
	<ul><li>Bill vouchers are filed and up to date;</li><li>Comments and recommendation are given and files are kept with labeling.</li></ul>				
Related technical knowledge	<ul> <li>Meaning and important</li> </ul>	ce of inventory record;			
	Points to be considere	d while taking inventory;			
	Forms and formats ne	eded while record keeping;			
	<ul> <li>Introduction and Impor</li> </ul>	tance of stock book;			
	<ul> <li>Procedure of taking in</li> </ul>	ventory of processing plant	or industry.		
Safety/precaution	<ul> <li>Matching with expenses and existing balance is prime;</li> </ul>				
	Apply given forms, format and logbooks.				
Tools, equipment and materials	<ul> <li>Last inventory, stock book, bill, vouchers;</li> </ul>				
	Formats, stationary kit	s, files and file cabinet.			

Task number:	84.		
Task statement:	Keep records		
Level of task:	Significance	Ease	Occurence
	3	2	3
Terminal performance standard	Given Condition:		
	<ul> <li>Event record or list, types of record;</li> </ul>		
	Record formats and log books.		
	Task: Keep records.		
	Time: 20 minutes /day event/activity.		
	Standard/Criteria:		
	Record is found as per given format.		
	All items, events and activities are recorded.		
Related technical knowledge	<ul> <li>Meaning and importance of record keeping;</li> </ul>		
	<ul> <li>Points to be considered while record keeping;</li> </ul>		
	<ul> <li>Types of record to be kept in fruit and vegetable processing industry</li> </ul>		
	(Records of raw materials, primary processing, secondary processing or all level of		
	processing, store inventory, production record, human resource management record,		
	sale record, purchasing record, profit and loss record, debit and credit record, repair,		
Safatu/procaution	and maintenance record.)		
Safety/precaution	Given forms and formats are prime to fallow;		
<b>T</b> . 1	Timely recording is essential.		
Tools, equipment and materials	Event or activities list, record books, stationeries;		
	Recording formats, cupboard or rack, common files, index files, table and chair.		





Establishing an Employer led Labour Market Secretariat

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