



Qualification Pack

TECHNICIAN -AROMA PROCESS

QP Code: MSME/BWS/Q1001

Version: 1.0

NSQF Level: 4.5

MSME TECHNOLOGY CENTRE ||
B-36 CHANDAKA INDUSTRIAL AREA || email:msmeexamcell@gmail.com



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MSME/BWS/Q1001: TECHNICIAN -AROMA PROCESS

Brief Job Description

To be expertise in the area of Fragrance & Flavor.

Personal Attributes

To be expertise in the area of Fragrance & Flavor.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [MSME/BWS/N1005: Quality Assessment of fragrant raw materials Level-I](#)
2. [MSME/BWS/N1004: Production of Fragrant Raw Materials level-I](#)
3. [MSME/BWS/N1003: Production of Fragrant Raw Materials level-I](#)
4. [MSME/BWS/N1002: Commercial Cultivation of Aromatic crops](#)
5. [MSME/BWS/N1001: Commercial Cultivation of Aromatic crops](#)
6. [MSME/BWS/N1019: OJT 00](#)
7. [MSME/BWS/N1018: OJT 00](#)
8. [MSME/BWS/N1017: Project work](#)
9. [MSME/BWS/N1016: OJT 02](#)
10. [MSME/BWS/N1015: Quality Assessment of fragrant raw materials Level-II](#)
11. [MSME/BWS/N1014: Quality Assessment of fragrant raw materials Level-II](#)
12. [MSME/BWS/N1013: Production of Fragrant Raw Materials & its value addition level-II](#)
13. [MSME/BWS/N1012: Production of Fragrant Raw Materials & its value addition level-II](#)
14. [MSME/BWS/N1011: Employability Skill](#)
15. [MSME/BWS/N1010: Agro & Aroma based products](#)
16. [MSME/BWS/N1009: Agro & Aroma based products](#)
17. [MSME/BWS/N1008: Fragrance & Flavor Creation](#)



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18. [MSME/BWS/N1007: Fragrance & Flavor Creation](#)

19. [MSME/BWS/N1006: Quality Assessment of fragrant raw materials Level-I](#)

Qualification Pack (QP) Parameters

Sector	Beauty & Wellness
Sub-Sector	Beauty and Wellness
Occupation	Aroma Processing
Country	India
NSQF Level	4.5
Credits	60
Aligned to NCO/ISCO/ISIC Code	6115 Medicinal and Aromatic Plant Cultivators (NCO List 2015)
Minimum Educational Qualification & Experience	12th grade Pass with NA of experience
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	17 Years
Last Reviewed On	NA
Next Review Date	30/04/2027
NSQC Approval Date	30/04/2024
Version	1.0
Reference code on NQR	NCVET- QG-4.5-BW-02393-2024-V1-MSME
NQR Version	1.0



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MSME/BWS/N1005: Quality Assessment of fragrant raw materials Level-I

Description

Understand how to Prepare the sample and Preparation of different solutions for testing of various fragrant materials

Scope

The scope covers the following :

- Understand how to Prepare the sample and Preparation of different solutions for testing of various fragrant materials

Elements and Performance Criteria

MSME/APA/03 Quality Assessment of fragrant raw materials Level-I

To be competent, the user/individual on the job must be able to:

- PC1.** • Explain the Introduction to organic chemistry of fragrant material
- PC2.** • Describe the Structure & Nomenclature of common aromatic compound.
- PC3.** Describe the Isoprene rule
- PC4.** Describe the Terpenoid Chemistry
- PC5.** Describe the Aliphatic Compound
- PC6.** Describe the Benzoides compound
- PC7.** Describe the Phenolic compounds,
- PC8.** Describe the Heterocyclic compounds
- PC9.** • To perform the Sampling techniques of the fragrant raw materials
- PC10.** • To perform the Preparation techniques of different solutions for analysis of essential oil in lab
- PC11.** To perform the Dehydration techniques of essential oil.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/03 Quality Assessment of fragrant raw materials Level-I</i>	100	-	-	-
PC1. <ul style="list-style-type: none">• Explain the Introduction to organic chemistry of fragrant• material	-	-	-	-
PC2. <ul style="list-style-type: none">• Describe the Structure & Nomenclature of common aromatic• compound.	-	-	-	-
PC3. Describe the Isoprene rule	-	-	-	-
PC4. Describe the Terpenoid Chemistry	-	-	-	-
PC5. Describe the Aliphatic Compound	-	-	-	-
PC6. Describe the Benzoides compound	-	-	-	-
PC7. Describe the Phenolic compounds,	-	-	-	-
PC8. Describe the Heterocyclic compounds	-	-	-	-
PC9. <ul style="list-style-type: none">• To perform the Sampling techniques of the fragrant raw• materials	-	-	-	-
PC10. <ul style="list-style-type: none">• To perform the Preparation techniques of different• solutions for analysis of essential oil in lab	-	-	-	-
PC11. To perform the Dehydration techniques of essential oil.	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1005
NOS Name	Quality Assessment of fragrant raw materials Level-I
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1004: Production of Fragrant Raw Materials level-I

Description

Selection and identification of fragrant raw materials.

Scope

The scope covers the following :

- Selection and identification of fragrant raw materials.

Elements and Performance Criteria

MSME/APA/02 Production of Fragrant Raw Materials & its value addition level-I

To be competent, the user/individual on the job must be able to:

- PC1.** Describe the Techniques for Selection of raw materials.
- PC2.**
 - Explain the Principles & Methodology of water distillation
 - techniques
- PC3.**
 - Explain the Principles & Methodology of water Steam
 - distillation techniques
- PC4.**
 - Explain the Principles & Methodology of Steam distillation
 - techniques
- PC5.**
 - Describe the Extraction Methodology To Determination of
 - Essential oil content by Clevenger apparatus
- PC6.**
 - Explain the Distillation Techniques for Separation of fragrant
 - materials
- PC7.**
 - Explain the Principle/operation/maintenance of accessories
 - (Steam generator, cooling tower, softener plants & etc.)
- PC8.**
 - Describe the Design, Installation, Maintenance, Safety
 - precaution for Distillation/Extraction Units
- PC9.** Explain various type Attar Manufacturing Process
- PC10.** To Perform Distillation at Laboratory/FDU/Pilot scale
- PC11.**
 - To perform determination of essential oil content in Grassy
 - aromatic crops like Lemon grass, Mint, citronella,
 - Palmarosa & Basil etc
- PC12.**
 - To perform determination of essential oil content in
 - Aromatic Flowers like Marigold, rose, Chamomile,
 - Jasmine etc.
- PC13.**
 - To perform determination of essential oil content in
 - Aromatic Woods like Cardamom, Coriander, Clove,
 - Turmeric, Vetiver root, Nagarmotha etc.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/02 Production of Fragrant Raw Materials & its value addition level-I</i>	-	100	-	-
PC1. Describe the Techniques for Selection of raw materials.	-	-	-	-
PC2. <ul style="list-style-type: none">• Explain the Principles & Methodology of water distillation• techniques	-	-	-	-
PC3. <ul style="list-style-type: none">• Explain the Principles & Methodology of water Steam• distillation techniques	-	-	-	-
PC4. <ul style="list-style-type: none">• Explain the Principles & Methodology of Steam distillation• techniques	-	-	-	-
PC5. <ul style="list-style-type: none">• Describe the Extraction Methodology To Determination of• Essential oil content by Clevenger apparatus	-	-	-	-
PC6. <ul style="list-style-type: none">• Explain the Distillation Techniques for Separation of fragrant• materials	-	-	-	-
PC7. <ul style="list-style-type: none">• Explain the Principle/operation/maintenance of accessories• (Steam generator, cooling tower, softener plants & etc.)	-	-	-	-
PC8. <ul style="list-style-type: none">• Describe the Design, Installation, Maintenance, Safety• precaution for Distillation/Extraction Units	-	-	-	-
PC9. Explain various type Attar Manufacturing Process	-	-	-	-
PC10. To Perform Distillation at Laboratory/FDU/Pilot scale	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. <ul style="list-style-type: none">To perform determination of essential oil content in Grassyaromatic crops like Lemon grass, Mint, citronella,Palmarosa & Basil etc	-	-	-	-
PC12. <ul style="list-style-type: none">To perform determination of essential oil content inAromatic Flowers like Marigold, rose, Chamomile,Jasmine etc.	-	-	-	-
PC13. <ul style="list-style-type: none">To perform determination of essential oil content inAromatic Woods like Cardamom, Coriander, Clove,Turmeric, Vetiver root, Nagarmotha etc.	-	-	-	-
NOS Total	-	100	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1004
NOS Name	Production of Fragrant Raw Materials level-I
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



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MSME/BWS/N1003: Production of Fragrant Raw Materials level-I

Description

Selection and identification of fragrant raw materials.

Scope

The scope covers the following :

- Selection and identification of fragrant raw materials.

Elements and Performance Criteria

MSME/APA/02 Production of Fragrant Raw Materials & its value addition level-I

To be competent, the user/individual on the job must be able to:

- PC1.** Describe the Techniques for Selection of raw materials.
- PC2.**
 - Explain the Principles & Methodology of water distillation
 - techniques
- PC3.**
 - Explain the Principles & Methodology of water Steam
 - distillation techniques
- PC4.**
 - Explain the Principles & Methodology of Steam distillation
 - techniques
- PC5.**
 - Describe the Extraction Methodology To Determination of
 - Essential oil content by Clevenger apparatus
- PC6.**
 - Explain the Distillation Techniques for Separation of fragrant
 - materials
- PC7.**
 - Explain the Principle/operation/maintenance of accessories
 - (Steam generator, cooling tower, softener plants & etc.)
- PC8.**
 - Describe the Design, Installation, Maintenance, Safety
 - precaution for Distillation/Extraction Units
- PC9.** Explain various type Attar Manufacturing Process
- PC10.** To Perform Distillation at Laboratory/FDU/Pilot scale
- PC11.**
 - To perform determination of essential oil content in Grassy
 - aromatic crops like Lemon grass, Mint, citronella,
 - Palmarosa & Basil etc
- PC12.**
 - To perform determination of essential oil content in
 - Aromatic Flowers like Marigold, rose, Chamomile,
 - Jasmine etc.
- PC13.**
 - To perform determination of essential oil content in
 - Aromatic Woods like Cardamom, Coriander, Clove,
 - Turmeric, Vetiver root, Nagarmotha etc.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/02 Production of Fragrant Raw Materials & its value addition level-I</i>	100	-	-	-
PC1. Describe the Techniques for Selection of raw materials.	-	-	-	-
PC2. <ul style="list-style-type: none">• Explain the Principles & Methodology of water distillation• techniques	-	-	-	-
PC3. <ul style="list-style-type: none">• Explain the Principles & Methodology of water Steam• distillation techniques	-	-	-	-
PC4. <ul style="list-style-type: none">• Explain the Principles & Methodology of Steam distillation• techniques	-	-	-	-
PC5. <ul style="list-style-type: none">• Describe the Extraction Methodology To Determination of• Essential oil content by Clevenger apparatus	-	-	-	-
PC6. <ul style="list-style-type: none">• Explain the Distillation Techniques for Separation of fragrant• materials	-	-	-	-
PC7. <ul style="list-style-type: none">• Explain the Principle/operation/maintenance of accessories• (Steam generator, cooling tower, softener plants & etc.)	-	-	-	-
PC8. <ul style="list-style-type: none">• Describe the Design, Installation, Maintenance, Safety• precaution for Distillation/Extraction Units	-	-	-	-
PC9. Explain various type Attar Manufacturing Process	-	-	-	-
PC10. To Perform Distillation at Laboratory/FDU/Pilot scale	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. <ul style="list-style-type: none">To perform determination of essential oil content in Grassyaromatic crops like Lemon grass, Mint, citronella,Palmarosa & Basil etc	-	-	-	-
PC12. <ul style="list-style-type: none">To perform determination of essential oil content inAromatic Flowers like Marigold, rose, Chamomile,Jasmine etc.	-	-	-	-
PC13. <ul style="list-style-type: none">To perform determination of essential oil content inAromatic Woods like Cardamom, Coriander, Clove,Turmeric, Vetiver root, Nagarmotha etc.	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1003
NOS Name	Production of Fragrant Raw Materials level-I
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



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MSME/BWS/N1002: Commercial Cultivation of Aromatic crops

Description

Explain the distribution, classification, and importance of aromatic crops.

Scope

The scope covers the following :

- Explain the distribution, classification, and importance of aromatic crops.

Elements and Performance Criteria

MSME/APA/01 Commercial Cultivation of Aromatic Crops

To be competent, the user/individual on the job must be able to:

- PC1.** • Describe the classification & taxonomical position of
• aromatic crops in plant kingdom.
- PC2.** • Describe different Agro-climatic zones & suitability of
• aromatic crops.
- PC3.** • Explain some important aroma bearing crops grown
• in India.
- PC4.** Describe the Agro practice of the Lemongrass
- PC5.** Describe the Agro practice of the Citronella
- PC6.** Describe the Agro practice of the Palmarosa
- PC7.** Describe the Agro practice of the Basil
- PC8.** Describe the Agro practice of the Mint
- PC9.** Describe the Agro practice of the Vetiver
- PC10.** Describe the Agro practice of the Monarda
- PC11.** Describe the Agro practice of the Patchouli
- PC12.** Describe the Agro practice of the Nagarmotha
- PC13.** Describe the Agro practice of the Sandalwood
- PC14.** Describe the Agro practice of the Rose
- PC15.** Describe the Agro practice of the Jasmine
- PC16.** Describe the Agro practice of the Marigold
- PC17.** Describe the Agro practice of the Kewra
- PC18.** Describe the Agro practice of the Chamomile
- PC19.** • Explain the technology of land preparation & Nursery
• raising techniques
- PC20.** Describe good Agro-practice of common aromatic crops
- PC21.** Describe importance of cultivation of aromatic crops
- PC22.** Explain intercropping of aromatic crops
- PC23.** Describe crop rotation in aromatic crops



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- PC24.** Describe Post-harvest management in aromatic crops
- PC25.** To perform the preparation of land for cultivation
- PC26.** • To perform the preparation of Nursery of different
• aromatic crops
- PC27.** To perform the transplantation
- PC28.** • Harvesting & estimation of herbage yield in different
• crops.
- PC29.** To perform cultivation practices of aromatic crops.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/01 Commercial Cultivation of Aromatic Crops</i>	-	100	-	-
PC1. <ul style="list-style-type: none">Describe the classification & taxonomical position ofaromatic crops in plant kingdom.	-	-	-	-
PC2. <ul style="list-style-type: none">Describe different Agro-climatic zones & suitability ofaromatic crops.	-	-	-	-
PC3. <ul style="list-style-type: none">Explain some important aroma bearing crops grownin India.	-	-	-	-
PC4. Describe the Agro practice of the Lemongrass	-	-	-	-
PC5. Describe the Agro practice of the Citronella	-	-	-	-
PC6. Describe the Agro practice of the Palmarosa	-	-	-	-
PC7. Describe the Agro practice of the Basil	-	-	-	-
PC8. Describe the Agro practice of the Mint	-	-	-	-
PC9. Describe the Agro practice of the Vetiver	-	-	-	-
PC10. Describe the Agro practice of the Monarda	-	-	-	-
PC11. Describe the Agro practice of the Patchouli	-	-	-	-
PC12. Describe the Agro practice of the Nagarmotha	-	-	-	-
PC13. Describe the Agro practice of the Sandalwood	-	-	-	-
PC14. Describe the Agro practice of the Rose	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC15. Describe the Agro practice of the Jasmine	-	-	-	-
PC16. Describe the Agro practice of the Marigold	-	-	-	-
PC17. Describe the Agro practice of the Kewra	-	-	-	-
PC18. Describe the Agro practice of the Chamomile	-	-	-	-
PC19. <ul style="list-style-type: none">• Explain the technology of land preparation & Nursery• raising techniques	-	-	-	-
PC20. Describe good Agro-practice of common aromatic crops	-	-	-	-
PC21. Describe importance of cultivation of aromatic crops	-	-	-	-
PC22. Explain intercropping of aromatic crops	-	-	-	-
PC23. Describe crop rotation in aromatic crops	-	-	-	-
PC24. Describe Post-harvest management in aromatic crops	-	-	-	-
PC25. To perform the preparation of land for cultivation	-	-	-	-
PC26. <ul style="list-style-type: none">• To perform the preparation of Nursery of different• aromatic crops	-	-	-	-
PC27. To perform the transplantation	-	-	-	-
PC28. <ul style="list-style-type: none">• Harvesting & estimation of herbage yield in different• crops.	-	-	-	-
PC29. To perform cultivation practices of aromatic crops.	-	-	-	-
NOS Total	-	100	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1002
NOS Name	Commercial Cultivation of Aromatic crops
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



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MSME/BWS/N1001: Commercial Cultivation of Aromatic crops

Description

Explain the distribution, classification, and importance of aromatic crops.

Scope

The scope covers the following :

- Explain the distribution, classification, and importance of aromatic crops.

Elements and Performance Criteria

MSME/APA/01 Commercial Cultivation of Aromatic Crops

To be competent, the user/individual on the job must be able to:

- PC1.** • Describe the classification & taxonomical position of
• aromatic crops in plant kingdom.
- PC2.** • Describe different Agro-climatic zones & suitability of
• aromatic crops.
- PC3.** • Explain some important aroma bearing crops grown
• in India.
- PC4.** Describe the Agro practice of the Lemongrass
- PC5.** Describe the Agro practice of the Citronella
- PC6.** Describe the Agro practice of the Palmarosa
- PC7.** Describe the Agro practice of the Basil
- PC8.** Describe the Agro practice of the Mint
- PC9.** Describe the Agro practice of the Vetiver
- PC10.** Describe the Agro practice of the Monarda
- PC11.** Describe the Agro practice of the Patchouli
- PC12.** Describe the Agro practice of the Nagarmotha
- PC13.** Describe the Agro practice of the Sandalwood
- PC14.** Describe the Agro practice of the Rose
- PC15.** Describe the Agro practice of the Jasmine
- PC16.** Describe the Agro practice of the Marigold
- PC17.** Describe the Agro practice of the Kewra
- PC18.** Describe the Agro practice of the Chamomile
- PC19.** • Explain the technology of land preparation & Nursery
• raising techniques
- PC20.** Describe good Agro-practice of common aromatic crops
- PC21.** Describe importance of cultivation of aromatic crops
- PC22.** Explain intercropping of aromatic crops
- PC23.** Describe crop rotation in aromatic crops



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- PC24.** Describe Post-harvest management in aromatic crops
- PC25.** To perform the preparation of land for cultivation
- PC26.** • To perform the preparation of Nursery of different
• aromatic crops
- PC27.** To perform the transplantation
- PC28.** • Harvesting & estimation of herbage yield in different
• crops.
- PC29.** To perform cultivation practices of aromatic crops.



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/01 Commercial Cultivation of Aromatic Crops</i>	100	-	-	-
PC1. <ul style="list-style-type: none">Describe the classification & taxonomical position ofaromatic crops in plant kingdom.	-	-	-	-
PC2. <ul style="list-style-type: none">Describe different Agro-climatic zones & suitability ofaromatic crops.	-	-	-	-
PC3. <ul style="list-style-type: none">Explain some important aroma bearing crops grownin India.	-	-	-	-
PC4. Describe the Agro practice of the Lemongrass	-	-	-	-
PC5. Describe the Agro practice of the Citronella	-	-	-	-
PC6. Describe the Agro practice of the Palmarosa	-	-	-	-
PC7. Describe the Agro practice of the Basil	-	-	-	-
PC8. Describe the Agro practice of the Mint	-	-	-	-
PC9. Describe the Agro practice of the Vetiver	-	-	-	-
PC10. Describe the Agro practice of the Monarda	-	-	-	-
PC11. Describe the Agro practice of the Patchouli	-	-	-	-
PC12. Describe the Agro practice of the Nagarmotha	-	-	-	-
PC13. Describe the Agro practice of the Sandalwood	-	-	-	-
PC14. Describe the Agro practice of the Rose	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC15. Describe the Agro practice of the Jasmine	-	-	-	-
PC16. Describe the Agro practice of the Marigold	-	-	-	-
PC17. Describe the Agro practice of the Kewra	-	-	-	-
PC18. Describe the Agro practice of the Chamomile	-	-	-	-
PC19. <ul style="list-style-type: none">• Explain the technology of land preparation & Nursery• raising techniques	-	-	-	-
PC20. Describe good Agro-practice of common aromatic crops	-	-	-	-
PC21. Describe importance of cultivation of aromatic crops	-	-	-	-
PC22. Explain intercropping of aromatic crops	-	-	-	-
PC23. Describe crop rotation in aromatic crops	-	-	-	-
PC24. Describe Post-harvest management in aromatic crops	-	-	-	-
PC25. To perform the preparation of land for cultivation	-	-	-	-
PC26. <ul style="list-style-type: none">• To perform the preparation of Nursery of different• aromatic crops	-	-	-	-
PC27. To perform the transplantation	-	-	-	-
PC28. <ul style="list-style-type: none">• Harvesting & estimation of herbage yield in different• crops.	-	-	-	-
PC29. To perform cultivation practices of aromatic crops.	-	-	-	-
NOS Total	100	-	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1001
NOS Name	Commercial Cultivation of Aromatic crops
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1019: OJT 00

Description

On-the-Job Training

Scope

The scope covers the following :

- On-the-Job Training

Elements and Performance Criteria

To be competent, the user/individual on the job must be able to:

PC1. on the basis of report



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	-	-	-	100
PC1. on the basis of report	-	-	-	100
NOS Total	-	-	-	100



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1019
NOS Name	OJT 00
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1018: OJT 00

Description

On-the-Job Training

Scope

The scope covers the following :

- On-the-Job Training

Elements and Performance Criteria

To be competent, the user/individual on the job must be able to:

PC1. on the basis of report



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	-	-	-	100
PC1. on the basis of report	-	-	-	100
NOS Total	-	-	-	100



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1018
NOS Name	OJT 00
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1017: Project work

Description

Project

Scope

The scope covers the following :

- Project

Elements and Performance Criteria

MSME/APA/08 OJT/ Project work

To be competent, the user/individual on the job must be able to:

- PC1.**
- Project / OJT Report:
 - Mentioning the process and procedure carried by the trainee for
 - completing the assign task duly endorsed by the authorized
 - personnel and The report must contain:
 - ☐ Details of Department/ Organization
 - ☐ Brief Job description & work activity
 - ☐ Specific problem face if any with the solution.
 - ☐ Technical Books referred during the OJT
 - ☐ Conclusion



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/08 OJT/ Project work</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Project / OJT Report:• Mentioning the process and procedure carried by the trainee for• completing the assign task duly endorsed by the authorized• personnel and The report must contain:<ul style="list-style-type: none">• <input type="checkbox"/> Details of Department/ Organization• <input type="checkbox"/> Brief Job description & work activity• <input type="checkbox"/> Specific problem face if any with the solution.• <input type="checkbox"/> Technical Books referred during the OJT• <input type="checkbox"/> Conclusion	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1017
NOS Name	Project work
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1016: OJT 02

Description

On job trainee

Scope

The scope covers the following :

- On job trainee

Elements and Performance Criteria

MSME/APA/08 OJT/ Project work

To be competent, the user/individual on the job must be able to:

- PC1.**
- Project / OJT Report:
 - Mentioning the process and procedure carried by the trainee for
 - completing the assign task duly endorsed by the authorized
 - personnel and The report must contain:
 - ☐ Details of Department/ Organization
 - ☐ Brief Job description & work activity
 - ☐ Specific problem face if any with the solution.
 - ☐ Technical Books referred during the OJT
 - ☐ Conclusion



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/08 OJT/ Project work</i>	-	-	-	100
PC1. <ul style="list-style-type: none">• Project / OJT Report:• Mentioning the process and procedure carried by the trainee for• completing the assign task duly endorsed by the authorized• personnel and The report must contain:<ul style="list-style-type: none">• <input type="checkbox"/> Details of Department/ Organization• <input type="checkbox"/> Brief Job description & work activity• <input type="checkbox"/> Specific problem face if any with the solution.• <input type="checkbox"/> Technical Books referred during the OJT• <input type="checkbox"/> Conclusion	-	-	-	-
NOS Total	-	-	-	100



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1016
NOS Name	OJT 02
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1015: Quality Assessment of fragrant raw materials Level-II

Description

Understand the physical analysis of various fragrant raw materials.

Scope

The scope covers the following :

- Understand the physical analysis of various fragrant raw materials.

Elements and Performance Criteria

MSME/APA/07 Quality Assessment of fragrant raw materials Level-II

To be competent, the user/individual on the job must be able to:

- PC1.** • Explain the Principles & Techniques of analysis for fragrant raw materials
- PC2.** • Write notes on Physical analysis of fragrant raw materials (specific Gravity, Optical Rotation, Solubility, Refractive index, PH value, Congealing point etc.)
- PC3.** • Write notes on Chemical analysis of fragrant raw materials (Acid Value, Saponification value, Ester Value, Ester value after acetylation, carbonyl value, Alcohol & phenol value)
- PC4.** • Explain the Principles & Techniques of Gas Liquid Chromatography (GLC) and Thin Layer Chromatography (TLC)
- PC5.** • To perform the Optical Rotation of by using instruments for Optical rotation of Mint, Vetiver, Sandalwood, Nagarmotha etc.
- PC6.** • To perform the specific gravity of Mint, Vetiver, Sandalwood, Nagarmotha etc.
- PC7.** • To perform the Refractive index Mint, Vetiver, Sandalwood, Nagarmotha etc.
- PC8.** • To perform the Solubility of Mint, Vetiver, Sandalwood, Nagarmotha etc.
- PC9.** To perform the Congealing point of Mint.
- PC10.** • To perform the Chemical Analysis of essential oil for Acid Value, Saponification value, Ester Value, Ester value after acetylation, carbonyl value, Alcohol & phenol value of Essential oil like Nagarmotha, Sandalwood & Vetiver etc.
- PC11.** • To perform the Analysis of Essential oil By Thin Layer Chromatography (TLC)
- PC12.** • To perform the Analysis of Essential oil By Using Gas Liquid Chromatography (GLC) like Mint, Lemongrass, Sandalwood, Palmarosa, Citronella, Basil, Nagarmotha. Etc.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/07 Quality Assessment of fragrant raw materials Level-II</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Explain the Principles & Techniques of analysis for fragrant raw materials	-	-	-	-
PC2. <ul style="list-style-type: none">• Write notes on Physical analysis of fragrant raw materials (specific Gravity, Optical Rotation, Solubility, Refractive index, PH value, Congealing point etc.)	-	-	-	-
PC3. <ul style="list-style-type: none">• Write notes on Chemical analysis of fragrant raw materials (Acid Value, Saponification value, Ester Value, Ester value after acetylation, carbonyl value, Alcohol & phenol value)	-	-	-	-
PC4. <ul style="list-style-type: none">• Explain the Principles & Techniques of Gas Liquid Chromatography (GLC) and Thin Layer Chromatography (TLC)	-	-	-	-
PC5. <ul style="list-style-type: none">• To perform the Optical Rotation of by using instruments for Optical rotation of Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-
PC6. <ul style="list-style-type: none">• To perform the specific gravity of Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-
PC7. <ul style="list-style-type: none">• To perform the Refractive index Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-
PC8. <ul style="list-style-type: none">• To perform the Solubility of Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC9. To perform the Congealing point of Mint.	-	-	-	-
PC10. <ul style="list-style-type: none">To perform the Chemical Analysis of essential oil for Acid Value,Saponification value, Ester Value, Ester value after acetylation,carbonyl value, Alcohol & phenol value of Essential oil likeNagarmotha, Sandalwood & Vetiver etc.	-	-	-	-
PC11. <ul style="list-style-type: none">To perform the Analysis of Essential oil By Thin LayerChromatography (TLC)	-	-	-	-
PC12. <ul style="list-style-type: none">To perform the Analysis of Essential oil By Using Gas LiquidChromatography (GLC) like Mint, Lemongrass, Sandalwood,Palmarosa, Citronella, Basil, Nagarmotha. Etc.	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1015
NOS Name	Quality Assessment of fragrant raw materials Level-II
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	5
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1014: Quality Assessment of fragrant raw materials Level-II

Description

Understand the physical analysis of various fragrant raw materials.

Scope

The scope covers the following :

- Understand the physical analysis of various fragrant raw materials.

Elements and Performance Criteria

MSME/APA/07 Quality Assessment of fragrant raw materials Level-II

To be competent, the user/individual on the job must be able to:

- PC1.** • Explain the Principles & Techniques of analysis for fragrant raw materials
 - materials
- PC2.** • Write notes on Physical analysis of fragrant raw materials (specific
 - Gravity, Optical Rotation, Solubility, Refractive index, PH value,
 - Congealing point etc.)
- PC3.** • Write notes on Chemical analysis of fragrant raw materials (Acid
 - Value, Saponification value, Ester Value, Ester value after
 - acetylation, carbonyl value, Alcohol & phenol value)
- PC4.** • Explain the Principles & Techniques of Gas Liquid Chromatography (GLC) and Thin Layer Chromatography (TLC)
- PC5.** • To perform the Optical Rotation of by using instruments for Optical
 - rotation of Mint, Vetiver, Sandalwood, Nagarmotha etc.
- PC6.** • To perform the specific gravity of Mint, Vetiver, Sandalwood,
 - Nagarmotha etc.
- PC7.** • To perform the Refractive index Mint, Vetiver, Sandalwood,
 - Nagarmotha etc.
- PC8.** • To perform the Solubility of Mint, Vetiver, Sandalwood, Nagarmotha
 - etc.
- PC9.** To perform the Congealing point of Mint.
- PC10.** • To perform the Chemical Analysis of essential oil for Acid Value,
 - Saponification value, Ester Value, Ester value after acetylation,
 - carbonyl value, Alcohol & phenol value of Essential oil like
 - Nagarmotha, Sandalwood & Vetiver etc.
- PC11.** • To perform the Analysis of Essential oil By Thin Layer
 - Chromatography (TLC)
- PC12.** • To perform the Analysis of Essential oil By Using Gas Liquid
 - Chromatography (GLC) like Mint, Lemongrass, Sandalwood,
 - Palmarosa, Citronella, Basil, Nagarmotha. Etc.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/07 Quality Assessment of fragrant raw materials Level-II</i>	100	-	-	-
PC1. <ul style="list-style-type: none">• Explain the Principles & Techniques of analysis for fragrant raw materials	-	-	-	-
PC2. <ul style="list-style-type: none">• Write notes on Physical analysis of fragrant raw materials (specific Gravity, Optical Rotation, Solubility, Refractive index, PH value, Congealing point etc.)	-	-	-	-
PC3. <ul style="list-style-type: none">• Write notes on Chemical analysis of fragrant raw materials (Acid Value, Saponification value, Ester Value, Ester value after acetylation, carbonyl value, Alcohol & phenol value)	-	-	-	-
PC4. <ul style="list-style-type: none">• Explain the Principles & Techniques of Gas Liquid Chromatography (GLC) and Thin Layer Chromatography (TLC)	-	-	-	-
PC5. <ul style="list-style-type: none">• To perform the Optical Rotation of by using instruments for Optical rotation of Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-
PC6. <ul style="list-style-type: none">• To perform the specific gravity of Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-
PC7. <ul style="list-style-type: none">• To perform the Refractive index Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-
PC8. <ul style="list-style-type: none">• To perform the Solubility of Mint, Vetiver, Sandalwood, Nagarmotha etc.	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC9. To perform the Congealing point of Mint.	-	-	-	-
PC10. <ul style="list-style-type: none">• To perform the Chemical Analysis of essential oil for Acid Value,• Saponification value, Ester Value, Ester value after acetylation,• carbonyl value, Alcohol & phenol value of Essential oil like• Nagarmotha, Sandalwood & Vetiver etc.	-	-	-	-
PC11. <ul style="list-style-type: none">• To perform the Analysis of Essential oil By Thin Layer• Chromatography (TLC)	-	-	-	-
PC12. <ul style="list-style-type: none">• To perform the Analysis of Essential oil By Using Gas Liquid• Chromatography (GLC) like Mint, Lemongrass, Sandalwood,• Palmarosa, Citronella, Basil, Nagarmotha. Etc.	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1014
NOS Name	Quality Assessment of fragrant raw materials Level-II
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1013: Production of Fragrant Raw Materials & its value addition level-II

Description

Explain the Principle & Techniques of Rectification, fractionation of fragrant raw material.

Scope

The scope covers the following :

- Explain the Principle & Techniques of Rectification, fractionation of fragrant raw material.

Elements and Performance Criteria

MSME/APA/06 Production of Fragrant Raw Materials & its value addition level-II

To be competent, the user/individual on the job must be able to:

- PC1.** • Explain the Technology involved in Fractional distillation for
 - processing of Essential oils.
- PC2.** • Explain Parts of Solvent extraction & fractional distillation unit and
 - its Safety & maintenance
- PC3.** • Describe the Accessories of Solvent Extraction & fractional
 - distillation units etc.
- PC4.** • Explain the Routine maintenance of Solvent Extraction,
 - fractionation Unit and Reaction etc.
- PC5.** • Explain the Principles & Techniques of Rectification of fragrant raw
 - materials
- PC6.** Explain the Principle & Techniques of Hydrogenation in fragrant materials.
- PC7.** • Describe the Design, Installation, Maintenance, Safety precaution of
 - related plant & machineries related to processing of Essential oil.
- PC8.** • To perform the Lab/pilot scale reaction and fractionation of
 - essential oils -Citronella oil, Lemongrass, Basil and Palmarosa etc.
- PC9.** • To perform the Determination of oil % by Soxhlet apparatus of -
 - Ginger, Clove, Cardamom, Cumin etc.
- PC10.** • To perform the manufacturing process of Concrete-Rose,
 - Tuberose & Jasmine etc. at Lab/pilot scale.
- PC11.** • To perform manufacturing process of absolute of Rose, Tuberose
 - & jasmine etc. at Lab/pilot scale.
- PC12.** • To perform the manufacturing process of Resinoides of
 - Nagarmotha, Sandalwood, Kapoor Kacheri etc. at Lab/pilot scale.
- PC13.** • To perform the manufacturing process of oleoresin of Cardamom,
 - Capsicum, Cumin, Coriander, Ginger etc.
- PC14.** • Explain the value addition of palmarosa, citronella, basil, mint,
 - lemongrass etc. by using deferent techniques.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/06 Production of Fragrant Raw Materials & its value addition level-II</i>	-	100	-	-
PC1. <ul style="list-style-type: none">Explain the Technology involved in Fractional distillation forprocessing of Essential oils.	-	-	-	-
PC2. <ul style="list-style-type: none">Explain Parts of Solvent extraction & fractional distillation unit andits Safety & maintenance	-	-	-	-
PC3. <ul style="list-style-type: none">Describe the Accessories of Solvent Extraction & fractionaldistillation units etc.	-	-	-	-
PC4. <ul style="list-style-type: none">Explain the Routine maintenance of Solvent Extraction,fractionation Unit and Reaction etc.	-	-	-	-
PC5. <ul style="list-style-type: none">Explain the Principles & Techniques of Rectification of fragrant rawmaterials	-	-	-	-
PC6. Explain the Principle & Techniques of Hydrogenation in fragrant materials.	-	-	-	-
PC7. <ul style="list-style-type: none">Describe the Design, Installation, Maintenance, Safety precaution ofrelated plant & machineries related to processing of Essential oil.	-	-	-	-
PC8. <ul style="list-style-type: none">To perform the Lab/pilot scale reaction and fractionation ofessential oils -Citronella oil, Lemongrass, Basil and Palmarosa etc.	-	-	-	-
PC9. <ul style="list-style-type: none">To perform the Determination of oil % by Soxhlet apparatus of -Ginger, Clove, Cardamom, Cumin etc.	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. <ul style="list-style-type: none">To perform the manufacturing process of Concrete-Rose,Tuberose & Jasmine etc. at Lab/pilot scale.	-	-	-	-
PC11. <ul style="list-style-type: none">To perform manufacturing process of absolute of Rose, Tuberose& jasmine etc. at Lab/pilot scale.	-	-	-	-
PC12. <ul style="list-style-type: none">To perform the manufacturing process of Resinoides ofNagarmotha, Sandalwood, Kapoor Kacheri etc. at Lab/pilot scale.	-	-	-	-
PC13. <ul style="list-style-type: none">To perform the manufacturing process of oleoresin of Cardamom,Capsicum, Cumin, Coriander, Ginger etc.	-	-	-	-
PC14. <ul style="list-style-type: none">Explain the value addition of palmarosa, citronella, basil, mint,lemongrass etc. by using deferent techniques.	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1013
NOS Name	Production of Fragrant Raw Materials & its value addition level-II
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	5
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1012: Production of Fragrant Raw Materials & its value addition level-II

Description

Explain the Principle & Techniques of Rectification, fractionation of fragrant raw material.

Scope

The scope covers the following :

- Explain the Principle & Techniques of Rectification, fractionation of fragrant raw material.

Elements and Performance Criteria

MSME/APA/06 Production of Fragrant Raw Materials & its value addition level-II

To be competent, the user/individual on the job must be able to:

- PC1.** • Explain the Technology involved in Fractional distillation for
 - processing of Essential oils.
- PC2.** • Explain Parts of Solvent extraction & fractional distillation unit and
 - its Safety & maintenance
- PC3.** • Describe the Accessories of Solvent Extraction & fractional
 - distillation units etc.
- PC4.** • Explain the Routine maintenance of Solvent Extraction,
 - fractionation Unit and Reaction etc.
- PC5.** • Explain the Principles & Techniques of Rectification of fragrant raw
 - materials
- PC6.** Explain the Principle & Techniques of Hydrogenation in fragrant materials.
- PC7.** • Describe the Design, Installation, Maintenance, Safety precaution of
 - related plant & machineries related to processing of Essential oil.
- PC8.** • To perform the Lab/pilot scale reaction and fractionation of
 - essential oils -Citronella oil, Lemongrass, Basil and Palmarosa etc.
- PC9.** • To perform the Determination of oil % by Soxhlet apparatus of -
 - Ginger, Clove, Cardamom, Cumin etc.
- PC10.** • To perform the manufacturing process of Concrete-Rose,
 - Tuberose & Jasmine etc. at Lab/pilot scale.
- PC11.** • To perform manufacturing process of absolute of Rose, Tuberose
 - & jasmine etc. at Lab/pilot scale.
- PC12.** • To perform the manufacturing process of Resinoides of
 - Nagarmotha, Sandalwood, Kapoor Kacheri etc. at Lab/pilot scale.
- PC13.** • To perform the manufacturing process of oleoresin of Cardamom,
 - Capsicum, Cumin, Coriander, Ginger etc.
- PC14.** • Explain the value addition of palmarosa, citronella, basil, mint,
 - lemongrass etc. by using deferent techniques.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/06 Production of Fragrant Raw Materials & its value addition level-II</i>	100	-	-	-
PC1. <ul style="list-style-type: none">Explain the Technology involved in Fractional distillation forprocessing of Essential oils.	-	-	-	-
PC2. <ul style="list-style-type: none">Explain Parts of Solvent extraction & fractional distillation unit andits Safety & maintenance	-	-	-	-
PC3. <ul style="list-style-type: none">Describe the Accessories of Solvent Extraction & fractionaldistillation units etc.	-	-	-	-
PC4. <ul style="list-style-type: none">Explain the Routine maintenance of Solvent Extraction,fractionation Unit and Reaction etc.	-	-	-	-
PC5. <ul style="list-style-type: none">Explain the Principles & Techniques of Rectification of fragrant rawmaterials	-	-	-	-
PC6. Explain the Principle & Techniques of Hydrogenation in fragrant materials.	-	-	-	-
PC7. <ul style="list-style-type: none">Describe the Design, Installation, Maintenance, Safety precaution ofrelated plant & machineries related to processing of Essential oil.	-	-	-	-
PC8. <ul style="list-style-type: none">To perform the Lab/pilot scale reaction and fractionation ofessential oils -Citronella oil, Lemongrass, Basil and Palmarosa etc.	-	-	-	-
PC9. <ul style="list-style-type: none">To perform the Determination of oil % by Soxhlet apparatus of -Ginger, Clove, Cardamom, Cumin etc.	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. <ul style="list-style-type: none">To perform the manufacturing process of Concrete-Rose,Tuberose & Jasmine etc. at Lab/pilot scale.	-	-	-	-
PC11. <ul style="list-style-type: none">To perform manufacturing process of absolute of Rose, Tuberose& jasmine etc. at Lab/pilot scale.	-	-	-	-
PC12. <ul style="list-style-type: none">To perform the manufacturing process of Resinoides ofNagarmotha, Sandalwood, Kapoor Kacheri etc. at Lab/pilot scale.	-	-	-	-
PC13. <ul style="list-style-type: none">To perform the manufacturing process of oleoresin of Cardamom,Capsicum, Cumin, Coriander, Ginger etc.	-	-	-	-
PC14. <ul style="list-style-type: none">Explain the value addition of palmarosa, citronella, basil, mint,lemongrass etc. by using deferent techniques.	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1012
NOS Name	Production of Fragrant Raw Materials & its value addition level-II
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1011: Employability Skill

Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

Scope

The scope covers the following :

- This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills,
- customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

Elements and Performance Criteria

MSME/ES&E/03 Employability Skill and Entrepreneurship

To be competent, the user/individual on the job must be able to:

- PC1.** Explain occupational health and Safety.
- PC2.** Explain about safety rules.
- PC3.**
 - State the name and location of people responsible for health and safety in the workplace
- PC4.**
 - Identify employability skills required for jobs in various industries. & Identify and explore learning and employability portals
- PC5.**
 - Recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.
- PC6.**
 - Follow environmentally sustainable practices. & Recognize the significance of 21st Century Skills for employment
- PC7.**
 - Practice the 21st Century Skills such as Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural
 - awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life
- PC8.**
 - Use basic English for everyday conversation in different contexts, in person and over the telephone.
- PC9.** How to Minimize the team conflicts & Explain Ethics & values
- PC10.**
 - Read and understand routine information, notes, instructions, mails, letters etc. written in English
- PC11.**
 - Write short messages, notes, letters, e-mails etc. in English & Understand the difference between job and career



Qualification Pack

- PC12.**
- Prepare a career development plan with short- and long-term goals, based on aptitude & discuss the main types of electronic funds transfers
- PC13.**
- Follow verbal and non-verbal communication etiquette and active listening techniques in various settings & work collaboratively with others in a team
- PC14.**
- Communicate and behave appropriately with all genders and PwD & escalate any issues related to sexual harassment at workplace according to POSH Act.
- PC15.**
- Select financial institutions, products and services as per requirement & carry out offline and online financial transactions, safely and securely.
- PC16.**
- Identify common components of salary and compute income, expenses, taxes, investments etc. & identify relevant rights and laws and use legal aids to fight against legal exploitation
- PC17.**
- Operate digital devices and carry out basic internet operations securely and safely & use e- mail and social media platforms and virtual collaboration tools to work effectively
- PC18.**
- Use basic features of word processor, spreadsheets, and presentations.
- PC19.**
- Identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research & develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion.
- PC20.**
- Identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity
- PC21.**
- Identify different types of customers & identify and respond to customer requests and needs in a professional manner.
- PC22.**
- Follow appropriate hygiene and grooming standards
- PC23.**
- Create a professional Curriculum vitae (Résumé) & search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively
- PC24.**
- Apply to identified job openings using offline /online methods as per requirement & answer questions politely, with clarity and confidence, during recruitment and selection
- PC25.**
- identify apprenticeship opportunities and register for it as per guidelines and requirements



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/ES&E/03 Employability Skill and Entrepreneurship</i>	100	-	-	-
PC1. Explain occupational health and Safety.	-	-	-	-
PC2. Explain about safety rules.	-	-	-	-
PC3. • State the name and location of people responsible for health and • safety in the workplace	-	-	-	-
PC4. • Identify employability skills required for jobs in various • industries. & Identify and explore learning and employability • portals	-	-	-	-
PC5. • Recognize the significance of constitutional values, including • civic rights and duties, citizenship, responsibility towards • society etc. and personal values and ethics such as honesty, • integrity, caring and respecting others, etc.	-	-	-	-
PC6. • Follow environmentally sustainable practices. & Recognize the • significance of 21st Century Skills for employment	-	-	-	-
PC7. • Practice the 21st Century Skills such as Self-Awareness, Behavior • Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural • awareness, emotional awareness, learning to learn for • continuous learning etc. in personal and professional life	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC8. <ul style="list-style-type: none">• Use basic English for everyday conversation in different contexts, in person and over the telephone.	-	-	-	-
PC9. How to Minimize the team conflicts & Explain Ethics & values	-	-	-	-
PC10. <ul style="list-style-type: none">• Read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-
PC11. <ul style="list-style-type: none">• Write short messages, notes, letters, e-mails etc. in English & Understand the difference between job and career	-	-	-	-
PC12. <ul style="list-style-type: none">• Prepare a career development plan with short- and long-term goals, based on aptitude & discuss the main types of electronic funds transfers	-	-	-	-
PC13. <ul style="list-style-type: none">• Follow verbal and non-verbal communication etiquette and active listening techniques in various settings & work collaboratively with others in a team	-	-	-	-
PC14. <ul style="list-style-type: none">• Communicate and behave appropriately with all genders and PwD & escalate any issues related to sexual harassment at workplace according to POSH Act.	-	-	-	-
PC15. <ul style="list-style-type: none">• Select financial institutions, products and services as per requirement & carry out offline and online financial transactions, safely and securely.	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC16. <ul style="list-style-type: none">Identify common components of salary and compute income,expenses, taxes, investments etc. & identify relevant rights andlaws and use legal aids to fight against legal exploitation	-	-	-	-
PC17. <ul style="list-style-type: none">Operate digital devices and carry out basic internet operationssecurely and safely & use e- mail and social media platformsand virtual collaboration tools to work effectively	-	-	-	-
PC18. <ul style="list-style-type: none">Use basic features of word processor, spreadsheets, andpresentations.	-	-	-	-
PC19. <ul style="list-style-type: none">Identify different types of Entrepreneurship and Enterprisesand assess opportunities for potential business throughresearch & develop a business plan and a work model,considering the 4Ps of Marketing Product, Price, Place andPromotion.	-	-	-	-
PC20. <ul style="list-style-type: none">Identify sources of funding, anticipate, and mitigate anyfinancial/ legal hurdles for the potential business opportunity	-	-	-	-
PC21. <ul style="list-style-type: none">Identify different types of customers & identify and respond tocustomer requests and needs in a professional manner.	-	-	-	-
PC22. Follow appropriate hygiene and grooming standards	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC23. <ul style="list-style-type: none">• Create a professional Curriculum vitae (Résumé) & search for• suitable jobs using reliable offline and online sources such as• Employment exchange, recruitment agencies, newspapers etc.• and job portals, respectively	-	-	-	-
PC24. <ul style="list-style-type: none">• Apply to identified job openings using offline /online methods• as per requirement & answer questions politely, with clarity• and confidence, during recruitment and selection	-	-	-	-
PC25. <ul style="list-style-type: none">• identify apprenticeship opportunities and register for it as per• guidelines and requirements	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1011
NOS Name	Employability Skill
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1010: Agro & Aroma based products

Description

Understand the Selection, identification, familiarization, and formulation of different Agro aroma based products.

Scope

The scope covers the following :

- Understand the Selection, identification, familiarization, and formulation of different Agro aroma base dproducts.

Elements and Performance Criteria

MSME/APA/05 Agro aroma-based product

To be competent, the user/individual on the job must be able to:

- PC1.** Explain principles & methodology of production of Agro aromabased products.
- PC2.**
 - Describe raw materials & formulations of Agarbatti, Dhoopbatti, & Hawan Samgri
- PC3.**
 - Describe Manufacturing techniques, operation & maintenance of Agarbatti, Dhoopbatti & Hawan Samgri
- PC4.** Explain raw materials & manufacturing of Rose water.
- PC5.** Describe economics of finished products
- PC6.** Explain storage & packaging of finished products.
- PC7.** To perform identification of raw material & testing.
- PC8.**
 - To perform manufacturing of Agarbatti, Dhoopbatti & Hawansamagri.
- PC9.** To perform manufacturing of Rose water.
- PC10.** To perform packaging of finished products.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/05 Agro aroma-based product</i>	-	100	-	-
PC1. Explain principles & methodology of production of Agro aromabased products.	-	-	-	-
PC2. <ul style="list-style-type: none">• Describe raw materials & formulations of Agarbatti, Dhoopbatti,• & Hawan Samgri	-	-	-	-
PC3. <ul style="list-style-type: none">• Describe Manufacturing techniques, operation & maintenance of• Agarbatti, Dhoopbatti & Hawan Samgri	-	-	-	-
PC4. Explain raw materials & manufacturing of Rose water.	-	-	-	-
PC5. Describe economics of finished products	-	-	-	-
PC6. Explain storage & packaging of finished products.	-	-	-	-
PC7. To perform identification of raw material & testing.	-	-	-	-
PC8. <ul style="list-style-type: none">• To perform manufacturing of Agarbatti, Dhoopbatti &• Hawansamagri.	-	-	-	-
PC9. To perform manufacturing of Rose water.	-	-	-	-
PC10. To perform packaging of finished products.	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1010
NOS Name	Agro & Aroma based products
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1009: Agro & Aroma based products

Description

Understand the Selection, identification, familiarization, and formulation of different Agro aroma based products.

Scope

The scope covers the following :

- Understand the Selection, identification, familiarization, and formulation of different Agro aroma base dproducts.

Elements and Performance Criteria

MSME/APA/05 Agro aroma-based product

To be competent, the user/individual on the job must be able to:

- PC1.** Explain principles & methodology of production of Agro aromabased products.
- PC2.**
 - Describe raw materials & formulations of Agarbatti, Dhoopbatti, & Hawan Samgri
- PC3.**
 - Describe Manufacturing techniques, operation & maintenance of Agarbatti, Dhoopbatti & Hawan Samgri
- PC4.** Explain raw materials & manufacturing of Rose water.
- PC5.** Describe economics of finished products
- PC6.** Explain storage & packaging of finished products.
- PC7.** To perform identification of raw material & testing.
- PC8.**
 - To perform manufacturing of Agarbatti, Dhoopbatti & Hawansamagri.
- PC9.** To perform manufacturing of Rose water.
- PC10.** To perform packaging of finished products.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/05 Agro aroma-based product</i>	100	-	-	-
PC1. Explain principles & methodology of production of Agro aromabased products.	-	-	-	-
PC2. <ul style="list-style-type: none"> • Describe raw materials & formulations of Agarbatti, Dhoopbatti, • & Hawan Samgri 	-	-	-	-
PC3. <ul style="list-style-type: none"> • Describe Manufacturing techniques, operation & maintenance of • Agarbatti, Dhoopbatti & Hawan Samgri 	-	-	-	-
PC4. Explain raw materials & manufacturing of Rose water.	-	-	-	-
PC5. Describe economics of finished products	-	-	-	-
PC6. Explain storage & packaging of finished products.	-	-	-	-
PC7. To perform identification of raw material & testing.	-	-	-	-
PC8. <ul style="list-style-type: none"> • To perform manufacturing of Agarbatti, Dhoopbatti & • Hawansamagri. 	-	-	-	-
PC9. To perform manufacturing of Rose water.	-	-	-	-
PC10. To perform packaging of finished products.	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1009
NOS Name	Agro & Aroma based products
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1008: Fragrance & Flavor Creation

Description

Memorization of Odour and taste Basics of creation of fragrance & Flavour & its application

Scope

The scope covers the following :

- Memorization of Odour and taste
- Basics of creation of fragrance &
- Flavour & its application

Elements and Performance Criteria

MSME/APA/04 Fragrance & Flavor creation and its application-level-I

To be competent, the user/individual on the job must be able to:

- PC1.** Global Scenario of Essential oil fragrance & Flavour.
- PC2.** • Explain the Olfaction, classification and differentiation of Odour
• and taste.
- PC3.** Describe the Odour quality evaluation of fragrance & Flavour.
- PC4.** Explain the Memorization of Odour and taste
- PC5.** • Describe the Basics of creation of fragrance & Flavour & its
• application.
- PC6.** • Explain the Terminology of technical terms used in fragrance,
• Flavour, and essential oil industry
- PC7.** To perform the Olfaction of natural aroma chemicals.
- PC8.** To perform the Olfaction of synthetic aroma chemicals.
- PC9.** • To perform the Evaluation of aroma chemicals with time &
• dilution



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/04 Fragrance & Flavor creation and its application-level-I</i>	-	100	-	-
PC1. Global Scenario of Essential oil fragrance & Flavour.	-	-	-	-
PC2. <ul style="list-style-type: none">• Explain the Olfaction, classification and differentiation of Odour• and taste.	-	-	-	-
PC3. Describe the Odour quality evaluation of fragrance & Flavour.	-	-	-	-
PC4. Explain the Memorization of Odour and taste	-	-	-	-
PC5. <ul style="list-style-type: none">• Describe the Basics of creation of fragrance & Flavour & its• application.	-	-	-	-
PC6. <ul style="list-style-type: none">• Explain the Terminology of technical terms used in fragrance,• Flavour, and essential oil industry	-	-	-	-
PC7. To perform the Olfaction of natural aroma chemicals.	-	-	-	-
PC8. To perform the Olfaction of synthetic aroma chemicals.	-	-	-	-
PC9. <ul style="list-style-type: none">• To perform the Evaluation of aroma chemicals with time &• dilution	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1008
NOS Name	Fragrance & Flavor Creation
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1007: Fragrance & Flavor Creation

Description

Memorization of Odour and taste Basics of creation of fragrance & Flavour & its application

Scope

The scope covers the following :

- Memorization of Odour and taste
- Basics of creation of fragrance &
- Flavour & its application

Elements and Performance Criteria

MSME/APA/04 Fragrance & Flavor creation and its application-level-I

To be competent, the user/individual on the job must be able to:

- PC1.** Global Scenario of Essential oil fragrance & Flavour.
- PC2.** • Explain the Olfaction, classification and differentiation of Odour
• and taste.
- PC3.** Describe the Odour quality evaluation of fragrance & Flavour.
- PC4.** Explain the Memorization of Odour and taste
- PC5.** • Describe the Basics of creation of fragrance & Flavour & its
• application.
- PC6.** • Explain the Terminology of technical terms used in fragrance,
• Flavour, and essential oil industry
- PC7.** To perform the Olfaction of natural aroma chemicals.
- PC8.** To perform the Olfaction of synthetic aroma chemicals.
- PC9.** • To perform the Evaluation of aroma chemicals with time &
• dilution



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/04 Fragrance & Flavor creation and its application-level-I</i>	100	-	-	-
PC1. Global Scenario of Essential oil fragrance & Flavour.	-	-	-	-
PC2. <ul style="list-style-type: none">• Explain the Olfaction, classification and differentiation of Odour• and taste.	-	-	-	-
PC3. Describe the Odour quality evaluation of fragrance & Flavour.	-	-	-	-
PC4. Explain the Memorization of Odour and taste	-	-	-	-
PC5. <ul style="list-style-type: none">• Describe the Basics of creation of fragrance & Flavour & its• application.	-	-	-	-
PC6. <ul style="list-style-type: none">• Explain the Terminology of technical terms used in fragrance,• Flavour, and essential oil industry	-	-	-	-
PC7. To perform the Olfaction of natural aroma chemicals.	-	-	-	-
PC8. To perform the Olfaction of synthetic aroma chemicals.	-	-	-	-
PC9. <ul style="list-style-type: none">• To perform the Evaluation of aroma chemicals with time &• dilution	-	-	-	-
NOS Total	100	-	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1007
NOS Name	Fragrance & Flavor Creation
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	2
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQF Clearance Date	30/04/2024



Qualification Pack

MSME/BWS/N1006: Quality Assessment of fragrant raw materials Level-I

Description

Understand how to Prepare the sample and Preparation of different solutions for testing of various fragrant materials

Scope

The scope covers the following :

- Understand how to Prepare the sample and Preparation of different solutions for testing of various fragrant materials

Elements and Performance Criteria

MSME/APA/03 Quality Assessment of fragrant raw materials Level-I

To be competent, the user/individual on the job must be able to:

- PC1.** • Explain the Introduction to organic chemistry of fragrant material
- PC2.** • Describe the Structure & Nomenclature of common aromatic compound.
- PC3.** Describe the Isoprene rule
- PC4.** Describe the Terpenoid Chemistry
- PC5.** Describe the Aliphatic Compound
- PC6.** Describe the Benzoides compound
- PC7.** Describe the Phenolic compounds,
- PC8.** Describe the Heterocyclic compounds
- PC9.** • To perform the Sampling techniques of the fragrant raw materials
- PC10.** • To perform the Preparation techniques of different solutions for analysis of essential oil in lab
- PC11.** To perform the Dehydration techniques of essential oil.



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>MSME/APA/03 Quality Assessment of fragrant raw materials Level-I</i>	-	100	-	-
PC1. <ul style="list-style-type: none">• Explain the Introduction to organic chemistry of fragrant• material	-	-	-	-
PC2. <ul style="list-style-type: none">• Describe the Structure & Nomenclature of common aromatic• compound.	-	-	-	-
PC3. Describe the Isoprene rule	-	-	-	-
PC4. Describe the Terpenoid Chemistry	-	-	-	-
PC5. Describe the Aliphatic Compound	-	-	-	-
PC6. Describe the Benzoides compound	-	-	-	-
PC7. Describe the Phenolic compounds,	-	-	-	-
PC8. Describe the Heterocyclic compounds	-	-	-	-
PC9. <ul style="list-style-type: none">• To perform the Sampling techniques of the fragrant raw• materials	-	-	-	-
PC10. <ul style="list-style-type: none">• To perform the Preparation techniques of different• solutions for analysis of essential oil in lab	-	-	-	-
PC11. To perform the Dehydration techniques of essential oil.	-	-	-	-
NOS Total	-	100	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	MSME/BWS/N1006
NOS Name	Quality Assessment of fragrant raw materials Level-I
Sector	Beauty & Wellness
Sub-Sector	
Occupation	Aroma Processing
NSQF Level	4.5
Credits	4
Version	1.0
Last Reviewed Date	30/04/2024
Next Review Date	30/04/2027
NSQC Clearance Date	30/04/2024

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

As per QP

Minimum Aggregate Passing % at QP Level : 40

(Please note: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS



Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
MSME/BWS/N1005.Quality Assessment of fragrant raw materials Level-I	100	-	-	-	100	5
MSME/BWS/N1004.Production of Fragrant Raw Materials level-I	-	100	-	-	100	5
MSME/BWS/N1003.Production of Fragrant Raw Materials level-I	100	-	-	-	100	5
MSME/BWS/N1002.Commercial Cultivation of Aromatic crops	-	100	-	-	100	5
MSME/BWS/N1001.Commercial Cultivation of Aromatic crops	100	-	-	-	100	5
MSME/BWS/N1019.OJT 00	-	-	-	100	100	5
MSME/BWS/N1018.OJT 00	-	-	-	100	100	5
MSME/BWS/N1017.Project work	-	100	-	-	100	5
MSME/BWS/N1016.OJT 02	-	-	-	100	100	5
MSME/BWS/N1015.Quality Assessment of fragrant raw materials Level-II	-	100	-	-	100	5
MSME/BWS/N1014.Quality Assessment of fragrant raw materials Level-II	100	-	-	-	100	5
MSME/BWS/N1013.Production of Fragrant Raw Materials & its value addition level-II	-	100	-	-	100	5
MSME/BWS/N1012.Production of Fragrant Raw Materials & its value addition level-II	100	-	-	-	100	5
MSME/BWS/N1011.Employability Skill	100	-	-	-	100	5
MSME/BWS/N1010.Agro & Aroma based products	-	100	-	-	100	5
MSME/BWS/N1009.Agro & Aroma based products	100	-	-	-	100	5



Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
MSME/BWS/N1008.Fragrance & Flavor Creation	-	100	-	-	100	5
MSME/BWS/N1007.Fragrance & Flavor Creation	100	-	-	-	100	5
MSME/BWS/N1006.Quality Assessment of fragrant raw materials Level-I	-	100	-	-	100	10
Total	800	800	-	300	1900	100



Qualification Pack

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training



Qualification Pack

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.



Qualification Pack

Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.