



Gujarat Council of Vocational Training

Gandhinagar



1. Name of Course :

EDIBLE OIL PACKAGING OPERATION

N.C.O. No. for Skill Covered:
(Please refer National Classification of
Occupations - 2004 available on
www.dget.nic.in)

726.10

2. Engineering or Non-engineering: **Non-Engineering**

3. No. of Students per Batch: **12**

4. Duration in Hours: **504 Hours**

5. Duration in Month: **3 Months**

Practical: **36 Hours/week**

Theory: **6 Hours/week**

6. Examination Scheme:

No.	Name of Subject	Teaching Hours during full course	Maximum Marks (Excluding sessional)	Maximum Marks required for Passing (excluding sessional)	Sessional Marks if any
1	Theory	72 ✓	100	40	20
2	Practical	432	300	180	100

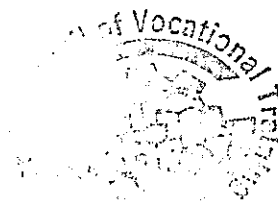
7. Entry Qualification for Trainee:

Minimum entry qualification (Essential):	10 th pass
Desirable :	Computer Knowledge and ITI pass in any trade

8. Minimum Qualification for Trainer:



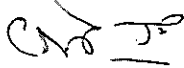
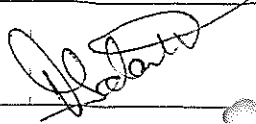
Minimum entry qualification (Essential):	Diploma or Degree in Mechanical Or Chemical engg.
Desirable :	Rich experience in packaging field

Edible Oil Packaging Operation



1045

9. Syllabus Committee Members:

SN	Name	Organization	Designation	Technical Qualification	Experience in Year	Signature
1	Shri. Sanjay Sharma	Adani Wilmar Ltd.	Sr. Manager - HR	MLW	20	
2	Shri. Mrityunjai Gupta	Adani Ports and SEZ Ltd, Mundra	Sr. Manager, Technical Training	B. Tech., M.B.A.	12	
3	Shri Chottai	ITI, Mundra	Principal	D.M.E	35	
4	Mrs. Vidisha Splanki	ITI, Mundra	Foreman	B.E Computer	3	

10. Terminal Skill of Trainee: (Should be well defined and having reference to NCO)

Trainee after successful completion of training, will have following skills...

- 1) Injection moulding machine basic standard operating system
- 2) Stretch Blow moulding machine basic standard operating system
- 3) Extruder Blow moulding Machine basic standards Operating system
- 4) FFS machine basic standards operating system
- 5) Pet Bottle & HDPE jar filling machine basis standards operating system
- 6) Mould repairing
- 7) Identify various types of plastics in relation to properties.
- 8) Perform testing and quality control with respect to manufacturing.
- 9) Perform running maintenance of machines and observe safety precaution thereof etc.

11. Approximate cost of Tools /Equipments Machinery for starting one batch of the Course:

Rupee

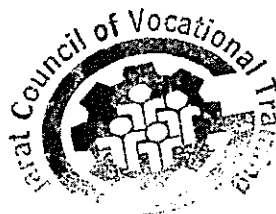
5 lac

Reference Year

-

12. Area required for practical / Workshop for one batch:

70 Sq. Meter



13. Minimum Power connection required: 3 phase/50Hz/440V

14.1 No. of items in Standard List of Machinery: 5

14.1.1 Page No. From: 5 to 5

14.2 No. of items in Standard List of Shop outfit: N/A

14.2.1 Page No. from ___-___ to ___-___

14.3 No. of items in Standard List of Trainee Tool-Kit: 3

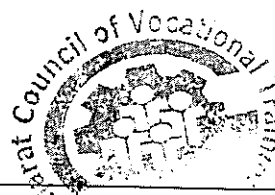
14.3.1 Page No. from: 5 to 5

***** FOR OFFICIAL USE *****

Approved by GCVT on : 28.7.2016

Syllabus implemented w.e.f admission session Next session

Revision History: 1. Revision No. Revision Date
2. Revision No. Revision Date
3. Revision No. Revision Date

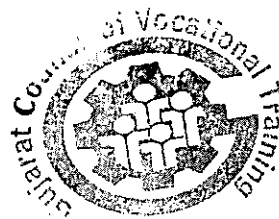


SYLLABUS FOR EDIBLE OIL PACKAGING OPERATION

Summary:

Sr. No	Title Module	Theory (Duration in Hours)	Practical (Duration in Hours)	Total (Duration in Hours)
1	Injection moulding machine basic standard operating system	08	48	56
2	Stretch Blow moulding machine basic standard operating system	08	46	54
3	Extruder Blow moulding Machine basic standards Operating system	08	48	56
4	FFS machine basic standards operating system	08	50	58
5	Pet Bottle & HDPE jar filling machine basis standards operating system	08	51	59
6	Mould repairing	08	43	51
7	Identify various types of plastics in relation to properties	08	52	60
8	Perform testing and quality control with respect to manufacturing	08	55	63
9	Perform running maintenance of machines and observe safety precaution thereof etc.	08	39	47

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Standard List of Machinery:

Sr. No.	List of Machinery	Item type i.e. machinery/equipment or shop outfit or trainee tool kit	Quantity required per one batch of students	Quantity required per one batch of students for instructor	Quantity per Batch
*1.	Stretch blow moulding machine for PET bottle manufacturing	Machinery	01	-	01
*2.	Extrusion Blow moulding machine	Machinery	01	-	01
*3.	Injection moulding machine	Machinery	01	-	01
*4.	FFS Machine (Pouch Filling)	Machinery	01	-	01
*5.	Quality testing machines/Instruments	Machinery	01	-	01

All * Mach/Equip. are available at nearest industry

Standard List of Trainee Tool-Kit:

Sr. No.	List of Trainee Tool-Kit	Item type i.e. machinery/equipment or shop outfit or trainee tool kit	Quantity required per one batch of students	Quantity required per one batch of students for instructor	Quantity per Batch
1.	Safety Shoes	Toolkit	12	01	13
2.	Safety Jacket	Toolkit	12	01	13
3.	Safety Helmet	Toolkit	12	01	13

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