

4 AROMATIC CANDLES MANUFACTURING



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(HOME-MADE)

1. INTRODUCTION

Uttarakhand is a region defined by the locals' simplicity and rich cultural habits, which reflect a deep connection to their distinct blend of traditional and contemporary living. Aromatic candles, in addition to being a beautiful decoration, providing lighting, creating unique environments, and being a great gift, also contribute to the benefit of health. When the candles burn, they quickly spread through the environment. The aroma of essential oils, creating an atmosphere that inspires peace and tranquility in whoever is in it, matches the living spaces of the locals of Uttarakhand. Moreover, Tourists visiting Uttarakhand often desire to bring a piece of the region's natural wellness and cultural richness back to their homes. A venture into the aromatic candle business in Uttarakhand is not merely a commercial endeavor; it is a celebration of tradition, a tribute to the simplicity that defines the local lifestyle, allowing locals as well as visitors to infuse their living spaces with the charm and authenticity of Uttarakhand.

2. PRODUCT & ITS APPLICATION

The range of aromatic candles includes jar candles, pillar candles, and soy candles, and they come in a variety of fragrances, including floral, fruity, herbal, and seasonal. Popular scents include cranberry, lemongrass, pumpkin pie, rose, and apple space. These candles come in various shapes and sizes and are often used for decoration and aromatherapy. The jar provides a protective barrier, making them safer to use. A premium range of aromatic candles, including Aromatherapy and Premium scented candles, is in high demand in spas and massage centers to create a soothing atmosphere.

3. DESIRED QUALIFICATION FOR PROMOTER

The promoter should possess a deep appreciation for regional culture and a passion for aesthetics. Experience and Knowledge of mixing ratio of wax, essence, and color, creativity in the artisanal production of aromatic candles, that is, for example, the shape, aroma, and preferred color of the candles to provide further value and satisfaction to the users. Additionally, basic business management skills, marketing acumen, and the ability to network within the local community will be beneficial.

4. BUSINESS OUTLOOK AND TRENDS

The growing interest in self-care and wellness practices in Uttarakhand is one of the key factors propelling the market growth. The ever increasing popularity of scented candles in aromatherapy,

spa, and wellness centers, which use them to enhance well-being and promote relaxation, has gained significant traction as they provide a convenient and accessible way to experience different scents and their associated therapeutic benefits. Additionally, the widespread availability of scented candles through various distribution channels, such as online platforms, specialty boutiques, home decor stores, supermarkets, and traditional brick-and-mortar stores, is increasing the visibility and availability of scented candles, strengthening the market growth. Furthermore, the increasing demand for eco-friendly scented candles globally, made from natural waxes, such as soy or beeswax, and fragrances derived from essential oil, owing to the growing emphasis on sustainability and environmental awareness, is positively influencing the market growth. Other factors, including the wellness and mindfulness trends, the desire for personalized home decor, and increasing awareness of aromatherapy benefits, contribute to Uttarakhand's market growth.

5. RAW MATERIAL REQUIREMENTS

The creation of these dynamic aromatic candles requires a variety of raw materials, each contributing to the creativity of the region. Here are some suggested raw materials commonly used in Uttarakhand's aromatic candle manufacturing process.

1. Wax for making glass candles: Gv-35 wax allows you to make perfect glass candles without leaks. It is a medium melting point wax that should be used at 62° to achieve a flawless candle finish. It is melted directly in a saucepan at medium temperature

2. Fragrance/Aromatic essence for candles: The fragrance that is chosen for the aromatic candle is the one that will be distributed throughout the room when a candle is lighted. The choice of aromatic essence will depend on the taste of the customers, and a vast customized range will be provided. For example, if the customer wants to opt for tranquility and relaxation, they may choose lavender. Citrus is a good option if they want an aroma that boosts creativity.

3. Waxed candle wick: The wick is another crucial point to consider so that the candle looks perfect. It can be placed before filling, using a wick holder, or placed once the glass has been filled with wax when it is tempering

4. Candle coloring pigments (Optional): As an additional option, candle pigments can be added to achieve the desired color in our wax. A pinch of powdered candle coloring is to be added and stirred well. Adding the coloring before the aromatic essence or essential oil is better.

6. MANUFACTURING PROCESS

INGREDIENTS:

- Main Ingredient (Paraffin Wax, Fragrance/Aromatic essence, Waxed candle wick, and . Candle coloring pigments)
- Pans

- Cans
- Glasses
- Molds (if counted)
- Decorative items
- Surgical mask and surgical gloves
- Kitchen Set-up.

PROCEDURE:

1. The most essential thing for making aromatic candles in a glass or tin is the temperature at which the wax is poured into the container. It should be filled when it is at 62°; this way, all imperfections are avoided, and a perfect finish is achieved.
2. Place the necessary amount of GV35 wax in a pot and heat it over medium heat until it is almost melted.
3. Turn off the heat and let the pot's heat finish melting if wax is left.
4. Pour the wax into a resistant plastic container.
5. Check the temperature.
6. When the wax is at 70°- 85 degrees, add the powdered pigment and stir well. (only if you want to give a color or design to the product)
7. Add the aromatic essence or essential oil and finish mixing.
8. Let it rest for a few seconds so that the pigment residues settle to the bottom.
9. When tempered, place a piece of waxed wick in the center and fill the container.
10. Once it cools completely, trim the excess wick.
11. Let the mixture solidify for a period of approximately three hours.
12. Decorate or personalize the candle according to the desired design.

7. MANPOWER REQUIREMENT

Sr. No	Particulars	No.	No of month in year	Wages/Salaries per month (Rs. In Lakhs)	Annual Expense (Rs. In Lakhs)
1	Self-employed	1	-	-	-
2	Skilled Labour	2	12	0.1	2.4
3	Helper	1	12	0.06	0.72
4	Sales and Marketing Person	1	12	0.12	1.44
Total					4.56

8. IMPLEMENTATION SCHEDULE

Sr. No.	Activity	Time Required (in months)
1	Acquisition of premises	1
2	Construction (if applicable)	1.5
3	Procurement & installation of Plant & Machinery	2.5
4	Arrangement of Finance	1
5	Recruitment of required manpower	1
6	Total time required (some activities shall run concurrently)	3

9. COST OF PROJECT

Sr. No	Particulars	Annual Expenses (Rs. in lakhs)
1	Land	-
2	Building (Rented)	0.12
3	Plant & Machinery	0.00
4	Equipment and Furniture Exp.	0.14
5	Misc. Fixed Asset	0.02
6	Preoperative & Preliminary Exp.	0.05
7	Working Capital	6.67
Total Project Cost		7.00

10. MEANS OF FINANCE

Bank-term loans are assumed @ 60 %

Sr. No.	Particulars	Annual Expenses (Rs. in lakhs)
1	Promoter's contribution	2.80

2	Bank Finance	4.20
Total		7.00

11. LIST OF EQUIPMENT REQUIRED

Furniture & Equipment

Sr. No	Particulars	Unit	Price per Unit(Rs. in lakhs)	Total Amount (Rs. in lakhs)
1	Tools (Roasting Pan, Gas Stove, Induction, measuring spoon, pot etc.)	0	0.05	0.05
2	Furniture and Set Up (Work Table, Storage shelves, Packaging Station etc.)	0	0.00	0.06
3	Fixture (Light, Fan, Cabinets etc.)	-	0.00	0.01
4	Others (Labelling Equipment, Gloves, Masks, etc.)			0.02
Total Rs.				0.14

The availability of raw materials and equipment from local manufacturers is a promising advantage for the entrepreneur. It is essential to carefully choose the right mix of products and suitable machinery and tooling to facilitate modern and flexible processes. Here are some of the suppliers of business equipment an entrepreneur can consider:

1. Gupta Electronics

Dispensary Road, Dehradun City,

Dehradun – 248001,

Uttarakhand, India

2. R. C. Electronics 54,

Dispensary Road,

Back Side of Kothali,

Dehradun- 248001,
Uttarakhand, India.

**3. Vardhman Instruments and
Chemical Goods Private Limited**

Chakrata Road, Dehradun,
Uttarakhand, India.

12. SALES REALISATION

Sr. No	Product	Sales in Percentage	INR
1	Aromatic Candle	25.0%	1944000
Total		100.00%	1944000

13. PROFITABILITY CALCULATIONS

The basis of profitability calculation:

Sr. No	Particulars	Annual Expenses (Rs. in lakhs)
A.	Sales realisation	19.44
B.	Cost of production	
i)	Raw materials	4.97
ii)	Utilities	0.15
iii)	Manpower Cost (Salaries/wages)	4.56
iv)	Administrative expenses	0.18
v)	Packaging Cost	0.05
vi)	Material Lost Cost	0.01
vii)	Selling & distribution expenses	0.66
viii)	Repairs & maintenance	0.00
ix)	Rent	0.12
x)	Interest	0.50
xi)	Misc. expenses	0.00
	Total (B)	11.19
	Gross profit/loss (A – B)	8.25
	Less: Depreciation	0.02
C.	PBIT	8.23

D	Income-tax	-
E	Net profit/loss	8.23
F.	Repayment (Annual)	-0.07
G	Retained surplus (E-F)	8.30

14. BREAKEVEN ANALYSIS

(Rs. in lakhs)

Fixed cost	
Land & Building Rent	0.12
Depriciation	0.02
Interest	0.50
Manpower	1.37
Total Fixed cost	2.00
Variable cost	
Raw materials	4.97
Utilities	0.15
ManPower	3.19
Administrative expenses	0.18
Selling & distribution expenses	0.66
Total Variable cost	9.15
Contribution margin	53%
Break-Even Point in Value	3.78

15. STATUTORY/GOVERNMENT APPROVALS

Setting up a candle manufacturing unit in Uttarakhand would require several statutory and government approvals to ensure compliance with regulations.

1. Business Registration: Business registration has to be made with the appropriate local authorities within the Local Municipal Corporation or Panchayat.

2. Trade License: A trade license is required to operate a retail business. GST Registration: Goods and Services Tax (GST) registration is a must for taxation purposes

16. TRAINING CENTERS AND COURSES

There are few specialized Institutes that provide diploma certification in Candle making. The most famous and authenticate Institutions are as follows:

- **Indian Institute of Skill Development and Training (IISDT)**

Opp. Punjab National Bank,
G.T Road, Gurukul Narsan,
Dist. Haridwar, Uttarakhand

- **Himanshu Art Institute**

Metro Pillar No, Cottage No. 5,
Basement Near, 230,
W Patel Nagar Rd,
New Delhi, Delhi 110008

- **BARODA RSETI HALDWANI NAINITAL**

7G2R+P8H, Kathgodam - Kathgharia Rd,
Opp Water Filter Plant, Kathgodam,
Haldwani, Damua Dhunga,
Uttarakhand 263126

The Swayam portal (link: <https://swayam.gov.in/>) can also be accessed for enhanced learning on business commerce, accounting, production, marketing, and areas of entrepreneurship.

Disclaimer

Only few machine manufacturers are mentioned in the profile, although many machine manufacturers are available in the market. The addresses given for machinery manufacturers have been taken from reliable sources, to the best of knowledge and contacts. However, no responsibility is admitted, in case any inadvertent error or incorrectness is noticed therein. Further the same have been given by way of information only and do not carry any recommendation.