AN ISO 9001 : 2015 CERTIFIED COMPANY

Detailed project report
Sample edition
Projections from FY 2027-28

Project report

Acrylic Acid from Propylene

Installed capacity 6.5 MT per day
Sector Adhesives and resins
Total project cost ₹722.92 lakh

Illustrative sample
Figures are representative

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Project at a glance

Acrylic Acid from Propylene
6.5 MT per day

Product	**Acrylic Acid from Propylene**	Sector	**Adhesives and resins**
Installed capacity	**6.5 MT per day**	Annual capacity	**2,145 MT per year**
Selling price (ex-GST)	**₹1,14,000 per MT**	Working days	**330 a year**
Manpower	**33 people**	Plant and machinery	**₹348.05 lakh**
Total project cost	**₹722.92 lakh**	Promoter's contribution	**₹180.73 lakh (25%)**
Term loan	**₹542.19 lakh (75%)**	Cash credit limit	**₹170.10 lakh**
Revenue, Year 3	**₹1,711.71 lakh at 70%**	Net profit, Year 3	**₹158.71 lakh**
Return on investment	**22.0% a year**	Break-even, Year 3	**38.4% of capacity**
Average DSCR	**1.80**	Payback period	**3.6 years**

This is an illustrative sample. Its figures are generated from industry-typical ratios to show the format and depth of an NPCS project report. They are not taken from any NPCS report or any real project, and should not be used for investment or lending decisions.

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Illustrative sample

1 Introduction

The product covered in this sample is acrylic acid from propylene, made in a plant sized at 6.5 MT per day (2,145 MT per year at full capacity). The unit is costed as a complete project, from land and building through to working capital, and its applications range from superabsorbent polymers for diapers and hygiene products to paper and leather chemicals.

The sections that follow show how such a unit would be costed and financed, and how its profit, cash flow and loan repayment would look over the first five years. At 70% capacity utilisation in Year 3, the model unit earns revenue of ₹1,711.71 lakh and a net profit of ₹158.71 lakh.

2 Uses and applications

Demand for the product comes mainly from the following uses:

- Superabsorbent polymers for diapers and hygiene products
- Acrylic esters for paints, adhesives and coatings
- Polyacrylate dispersants for water treatment
- Detergent polymers and textile auxiliaries
- Paper and leather chemicals

3 Market potential

Acrylic acid is the base monomer for superabsorbent polymers, acrylic esters such as butyl acrylate, and polyacrylate dispersants used in water treatment and detergents. India depended on imports until propylene-based plants came up at refinery complexes, so a domestic producer competes with imported acid on delivered price and assured supply. A new plant needs a secure propylene source, usually a nearby refinery or cracker, and term offtake with ester or polymer makers.

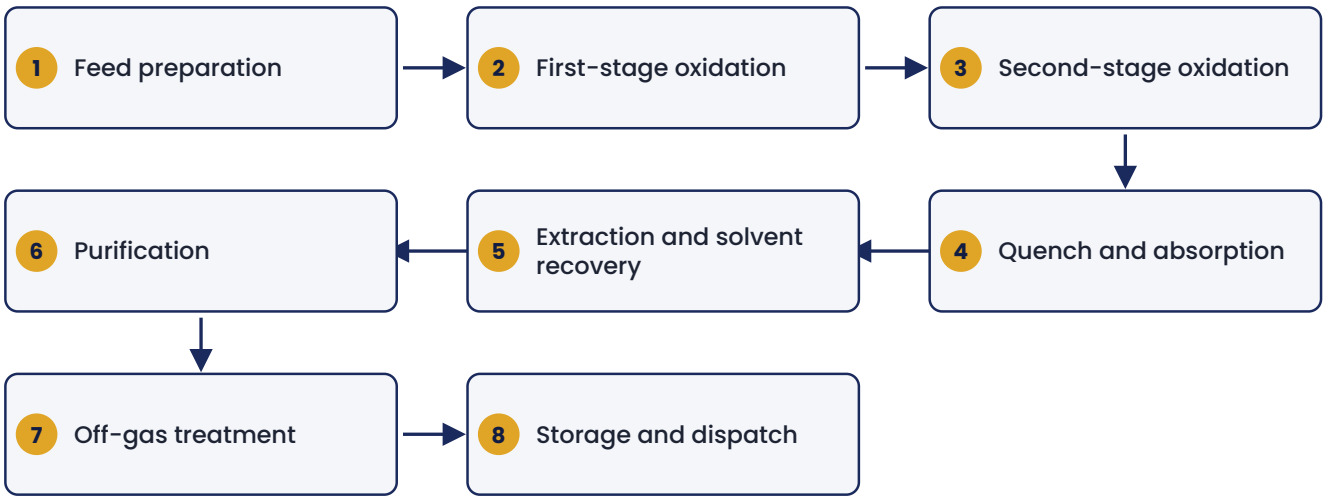
Typical buyers include superabsorbent polymer makers, acrylic ester and emulsion polymer producers, water treatment chemical formulators, detergent and textile auxiliary manufacturers, and chemical traders and distributors.

Because demand and competition vary from one district to the next, the market section of a full report is prepared for the promoter's chosen location, with a list of existing manufacturers.

Illustrative sample

4 Manufacturing process

Production of acrylic acid from propylene follows eight main steps, from feed preparation to storage and dispatch. The flow chart shows how material moves through the plant.



Process flow for acrylic acid from propylene

1. **Feed preparation.** Liquid propylene is vaporised and mixed with compressed air and steam in a ratio kept outside the flammable range.
2. **First-stage oxidation.** The gas passes through reactor tubes packed with a molybdenum-bismuth oxide catalyst at about 290 to 340 °C, turning propylene into acrolein.
3. **Second-stage oxidation.** Fresh air and steam are added and a molybdenum-vanadium oxide catalyst at about 230 to 290 °C oxidises the acrolein to acrylic acid.
4. **Quench and absorption.** The hot reactor gas is cooled and scrubbed with water containing an inhibitor to collect an aqueous acrylic acid solution.
5. **Extraction and solvent recovery.** A solvent separates acrylic acid from the water and is distilled off and recycled.
6. **Purification.** Vacuum distillation removes acetic acid and heavy ends to give acrylic acid of about 99.5 percent purity, stabilised with MEHQ.
7. **Off-gas treatment.** Unreacted propylene, carbon monoxide and organic vapours are burnt in a thermal oxidiser before the gas is vented.
8. **Storage and dispatch.** The acid is held in temperature-controlled stainless steel tanks and dispatched in insulated tankers or drums.

Illustrative sample

5 Raw materials

The plant uses propylene, oxidation catalysts (molybdenum-bismuth and molybdenum-vanadium), polymerisation inhibitors (MEHQ and phenothiazine), extraction solvent make-up, and process chemicals and nitrogen. Raw material purchases in Year 3 are estimated at ₹1,031.08 lakh, which is 60.2% of sales. The split by material is shown below.

Raw material	Share of cost	Year 3 cost (₹ lakh)
Propylene	84.0%	866.11
Oxidation catalysts (molybdenum-bismuth and molybdenum-vanadium)	6.0%	61.87
Polymerisation inhibitors (MEHQ and phenothiazine)	4.0%	41.24
Extraction solvent make-up	3.0%	30.93
Process chemicals and nitrogen	3.0%	30.93
Total raw materials	**100.0%**	**1,031.08**

6 Plant and machinery

The machinery list below covers the main production equipment, costed at ₹348.05 lakh in total. Prices are indicative. A full report gives specifications and supplier names, and a bank-format DPR uses the quotations you obtain.

Machinery and equipment	Indicative cost (₹ lakh)
Two-stage multitubular oxidation reactors	97.45
Molten salt cooling and steam generation system	34.81
Process air compressor and propylene vaporiser	31.32
Quench and absorption column	34.81
Solvent extraction and recovery columns	45.25
Vacuum purification distillation columns	41.77
Waste gas thermal oxidiser	24.36
Propylene bullets and acrylic acid storage tanks	20.88
DCS instrumentation and safety interlocks	17.40
Total plant and machinery	**348.05**

7 Land, building and utilities

The model includes land and site development of ₹84.89 lakh and building and civil works of ₹147.89 lakh, covering the production shed, raw material and finished goods stores, and an office. Other fixed assets such as electrification, furniture, laboratory equipment and a DG set add ₹44.34 lakh.

Illustrative sampl

Power and fuel cost ₹81.48 lakh in Year 3, about 4.8% of sales. Water is needed for cleaning, domestic use and, where the process calls for it, production.

8 Manpower

Staffing for the model unit is 33 people, at a Year 1 cost of ₹71.34 lakh. Wages are escalated by 5% each year in the projections.

Category	Number	Monthly wage (₹)	Annual cost (₹ lakh)
Management, supervision and administration	5	30,500	18.30
Skilled workers and operators	12	19,500	28.08
Semi-skilled and unskilled workers	16	13,000	24.96
Total (Year 1)	**33**		**71.34**

9 Licences and approvals

The main registrations and approvals for a unit like this are listed below. They differ from state to state, so check the current requirements with the relevant departments.

- Udyam (MSME) registration
- GST registration
- Consent to establish and consent to operate from the State Pollution Control Board
- Factory licence or registration under the applicable labour law, where the workforce threshold applies
- Fire safety NOC, where required
- Trade licence from the local body
- Prior environmental clearance under the EIA Notification 2006
- PESO licence to store propylene in pressure vessels under the SMPV (Unfired) Rules 2016
- Compliance with the MSIHC Rules 1989 for acrolein, the reaction intermediate

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10 Project cost and means of finance

Project cost is estimated at ₹722.92 lakh, including fixed assets of ₹649.97 lakh and margin money for working capital of ₹56.70 lakh.

Cost of project	₹ lakh
Land and site development	84.89
Building and civil works	147.89
Plant and machinery	348.05
Other fixed assets (electrification, furniture, lab equipment, DG set)	44.34
Contingencies	24.80
Preliminary and pre-operative expenses	16.25
Margin money for working capital	56.70
Total cost of project	**722.92**

Means of finance

The promoter contributes ₹180.73 lakh (25% of project cost) and a term loan funds the remaining ₹542.19 lakh. Working capital is supported by a cash credit limit of ₹170.10 lakh.

Source of funds	₹ lakh
Promoter's contribution (25%)	180.73
Term loan from bank (75%)	542.19
Total means of finance	**722.92**
Cash credit limit for working capital (separate)	*170.10*

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11 Working capital

Working capital is worked out from holding periods: 30 days of raw material, 15 days of finished goods and 45 days of credit to customers, less 30 days of credit from suppliers. In Year 1 the requirement is ₹226.80 lakh. The bank funds ₹170.10 lakh through cash credit and the promoter's margin covers ₹56.70 lakh.

Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Raw material stock (30 days)	72.64	78.69	84.75	90.80	96.85
Work in progress (2 days)	5.62	6.07	6.53	6.98	7.44
Finished goods (15 days)	44.71	48.32	51.94	55.57	59.21
Trade receivables (45 days)	180.89	195.96	211.03	226.11	241.18
Total current assets	**303.86**	**329.04**	**354.25**	**379.46**	**404.68**
Less: trade creditors (30 days)	77.06	83.48	89.91	96.33	102.75
Working capital requirement	**226.80**	**245.56**	**264.34**	**283.13**	**301.93**

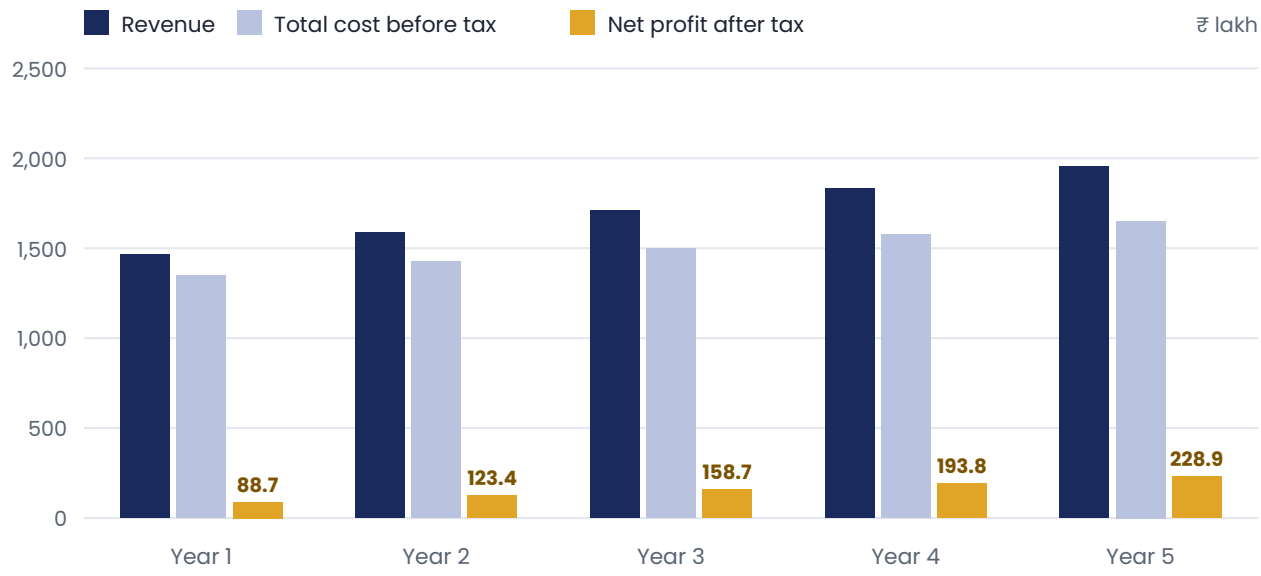
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12 Projected profitability

Revenue grows from ₹1,467.18 lakh in Year 1, at 60% utilisation, to ₹1,956.24 lakh in Year 5 at 80%. Net profit rises from ₹88.71 lakh to ₹228.88 lakh over the same period, an average net margin of 9.1%.

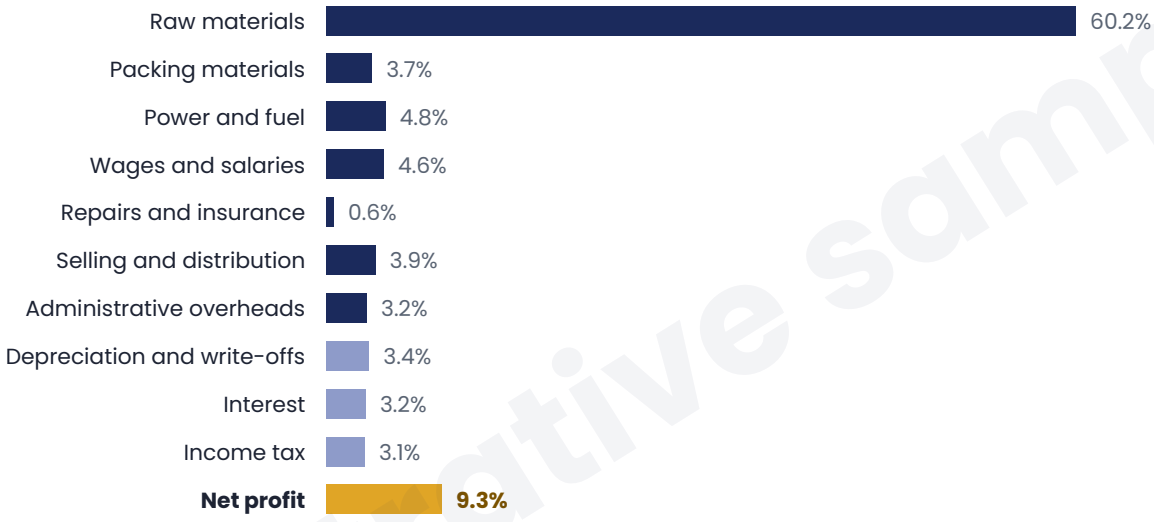
Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Capacity utilisation (%)	*60%*	*65%*	*70%*	*75%*	*80%*
Revenue from operations	**1,467.18**	**1,589.44**	**1,711.71**	**1,833.98**	**1,956.24**
Raw materials consumed	883.79	957.43	1,031.08	1,104.73	1,178.38
Packing materials	53.82	58.30	62.79	67.27	71.75
Power and fuel	69.84	75.66	81.48	87.30	93.12
Wages and salaries	71.34	74.91	78.65	82.58	86.71
Repairs and maintenance	6.96	7.31	7.67	8.06	8.46
Insurance	2.26	2.26	2.26	2.26	2.26
Cost of production	**1,088.01**	**1,175.87**	**1,263.93**	**1,352.20**	**1,440.68**
Gross profit	**379.17**	**413.57**	**447.78**	**481.78**	**515.56**
Selling and distribution expenses	57.82	62.64	67.46	72.28	77.10
Administrative overheads	50.45	52.97	55.62	58.40	61.32
Operating profit (EBITDA)	**270.90**	**297.96**	**324.70**	**351.10**	**377.14**
Depreciation	74.78	64.56	55.78	48.21	41.72
Preliminary expenses written off	3.25	3.25	3.25	3.25	3.25
Interest on term loan	55.88	46.90	35.35	22.52	8.29
Interest on cash credit	18.71	18.71	18.71	18.71	18.71
Profit before tax	**118.28**	**164.54**	**211.61**	**258.41**	**305.17**
Income tax	29.57	41.14	52.90	64.60	76.29
Profit after tax	**88.71**	**123.40**	**158.71**	**193.81**	**228.88**

Illustrative sample



Revenue, total cost before tax and net profit after tax, ₹ lakh

Where each rupee of sales goes in Year 3



Each cost head as a percentage of Year 3 sales

Illustrative sampl

13 Cash flow statement

Cash generated from profit and depreciation covers the term loan repayments in every year. The closing cash balance builds up to ₹477.49 lakh by the end of Year 5.

Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Sources of funds					
Promoter's contribution	180.73	–	–	–	–
Term loan from bank	542.19	–	–	–	–
Cash credit (working capital) from bank	170.10	–	–	–	–
Net profit after tax	88.71	123.40	158.71	193.81	228.88
Depreciation	74.78	64.56	55.78	48.21	41.72
Preliminary expenses written off	3.25	3.25	3.25	3.25	3.25
Increase in trade creditors	77.06	6.42	6.43	6.42	6.42
Total sources	**1,136.82**	**197.63**	**224.17**	**251.69**	**280.27**
Application of funds					
Fixed assets	649.97	–	–	–	–
Preliminary and pre-operative expenses	16.25	–	–	–	–
Increase in inventories	122.97	10.11	10.14	10.13	10.15
Increase in trade receivables	180.89	15.07	15.07	15.08	15.07
Repayment of term loan	48.43	104.81	116.36	129.18	143.41
Drawings	–	–	–	–	–
Total application	1,018.51	129.99	141.57	154.39	168.63
Net cash flow	**118.31**	**67.64**	**82.60**	**97.30**	**111.64**
Opening cash balance	–	118.31	185.95	268.55	365.85
Closing cash balance	**118.31**	**185.95**	**268.55**	**365.85**	**477.49**

Illustrative sample

14 Projected balance sheet

The projected balance sheet balances in every year. Net worth grows from ₹256.44 lakh at the end of Year 1 to ₹974.24 lakh at the end of Year 5, while the term loan outstanding falls from ₹493.76 lakh to nil.

As at year end (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Liabilities					
Promoter's capital	180.73	180.73	180.73	180.73	180.73
Reserves and surplus	88.71	212.11	370.82	564.63	793.51
Term loan	493.76	388.95	272.59	143.41	–
Cash credit from bank	170.10	170.10	170.10	170.10	170.10
Trade creditors	77.06	83.48	89.91	96.33	102.75
Total liabilities	**1,010.36**	**1,035.37**	**1,084.15**	**1,155.20**	**1,247.09**
Assets					
Gross fixed assets	649.97	649.97	649.97	649.97	649.97
Less: accumulated depreciation	(74.78)	(139.34)	(195.12)	(243.33)	(285.05)
Net fixed assets	**575.19**	**510.63**	**454.85**	**406.64**	**364.92**
Preliminary expenses not written off	13.00	9.75	6.50	3.25	–
Inventories	122.97	133.08	143.22	153.35	163.50
Trade receivables	180.89	195.96	211.03	226.11	241.18
Cash and bank balance	118.31	185.95	268.55	365.85	477.49
Total assets	**1,010.36**	**1,035.37**	**1,084.15**	**1,155.20**	**1,247.09**

Illustrative sample

15 Depreciation

Fixed assets are depreciated on the written-down value method, at 15% a year for plant and machinery, 10% for building and 10% for other assets. Land carries no depreciation. Preliminary and pre-operative expenses are written off in equal parts over five years.

Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Building and civil works (cost ₹155.29 lakh, 10% WDV)					
Opening written-down value	155.29	139.76	125.78	113.20	101.88
Depreciation	15.53	13.98	12.58	11.32	10.19
Closing written-down value	**139.76**	**125.78**	**113.20**	**101.88**	**91.69**
Plant and machinery (cost ₹365.45 lakh, 15% WDV)					
Opening written-down value	365.45	310.63	264.04	224.43	190.77
Depreciation	54.82	46.59	39.61	33.66	28.62
Closing written-down value	**310.63**	**264.04**	**224.43**	**190.77**	**162.15**
Other fixed assets (cost ₹44.34 lakh, 10% WDV)					
Opening written-down value	44.34	39.91	35.92	32.33	29.10
Depreciation	4.43	3.99	3.59	3.23	2.91
Closing written-down value	**39.91**	**35.92**	**32.33**	**29.10**	**26.19**
Total depreciation	**74.78**	**64.56**	**55.78**	**48.21**	**41.72**
Preliminary expenses written off	3.25	3.25	3.25	3.25	3.25

16 Term loan repayment

Repayment of the ₹542.19 lakh term loan starts after a moratorium of 6 months, during which interest at 10.5% is serviced. The loan is then cleared in 54 EMIs of ₹12,64,181 each, and the annexure gives the monthly schedule.

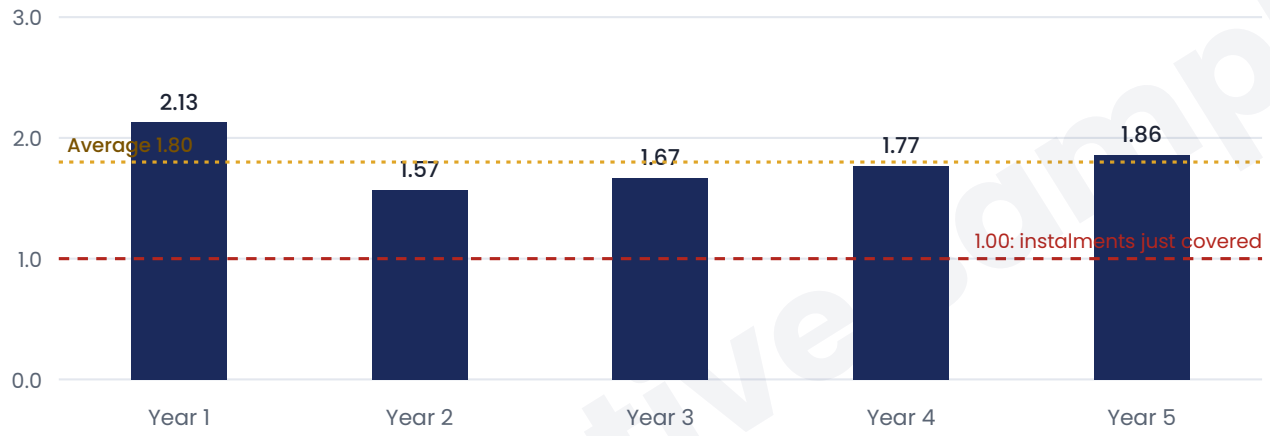
Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Opening balance	542.19	493.76	388.95	272.59	143.41
Interest	55.88	46.90	35.35	22.52	8.29
Principal repaid	48.43	104.81	116.36	129.18	143.41
Closing balance	**493.76**	**388.95**	**272.59**	**143.41**	**–**

Illustrative sample

17 Debt service coverage

Cash available for debt service covers the term loan instalments 1.80 times on average, and never less than 1.57 times (Year 2).

Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Net profit after tax	88.71	123.40	158.71	193.81	228.88
Depreciation and write-offs	78.03	67.81	59.03	51.46	44.97
Interest on term loan	55.88	46.90	35.35	22.52	8.29
Total available for debt service (A)	**222.62**	**238.11**	**253.09**	**267.79**	**282.14**
Principal repayment	48.43	104.81	116.36	129.18	143.41
Interest on term loan	55.88	46.90	35.35	22.52	8.29
Total debt service (B)	**104.31**	**151.71**	**151.71**	**151.70**	**151.70**
DSCR (A / B)	2.13	1.57	1.67	1.77	1.86



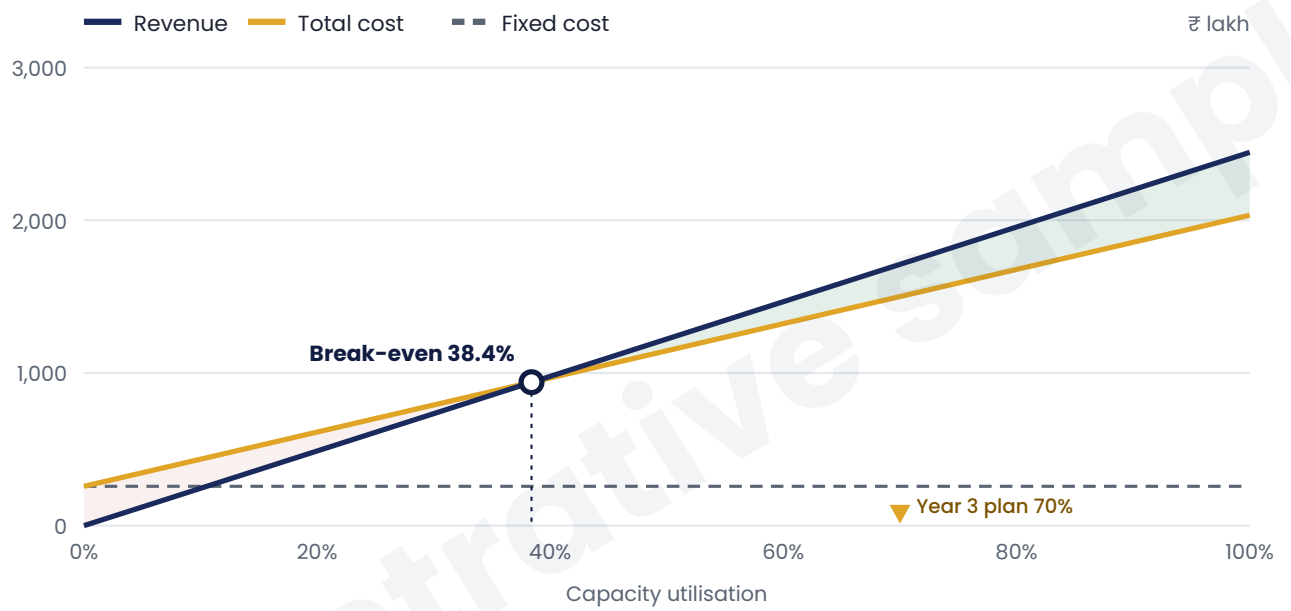
DSCR by year. A ratio above 1.00 means cash accruals cover the term loan instalments.

Illustrative sample

18 Break-even analysis

The unit needs to run at 38.4% of capacity to break even in Year 3, well below the 70% assumed for that year. Cash break-even, which excludes depreciation and write-offs, is 29.6%.

Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Revenue from operations	1,467.18	1,589.44	1,711.71	1,833.98	1,956.24
Variable costs	1,065.27	1,154.03	1,242.81	1,331.58	1,420.35
Contribution	**401.91**	**435.41**	**468.90**	**502.40**	**535.89**
Fixed costs (incl. depreciation and interest)	283.63	270.87	257.29	243.99	230.72
Break-even as % of installed capacity	42.3	40.4	38.4	36.4	34.4
Cash break-even as % of installed capacity	30.7	30.3	29.6	28.7	27.7
Break-even sales	1,035.40	988.80	939.23	890.67	842.23



Break-even chart at Year 3 prices and costs, scaled to full capacity. Shaded areas show the loss zone (left) and profit zone (right).

Illustrative sample

19 Financial ratios

Liquidity and leverage improve over the projection. The current ratio stays at or above 1.71, while debt-equity drops from 1.93 to zero as the term loan is repaid.

Ratio	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Current ratio	1.71	2.03	2.40	2.80	3.23
Quick ratio	1.21	1.51	1.84	2.22	2.63
Debt-equity ratio (term loan / net worth)	1.93	1.02	0.50	0.19	0.00
Total outside liabilities / net worth	2.89	1.68	0.98	0.55	0.28
Interest coverage ratio	2.59	3.51	4.91	7.27	12.30
DSCR	2.13	1.57	1.67	1.77	1.86
Gross profit margin (%)	25.8	26.0	26.2	26.3	26.4
Operating profit (EBITDA) margin (%)	18.5	18.7	19.0	19.1	19.3
Net profit margin (%)	6.0	7.8	9.3	10.6	11.7
Return on capital employed (%)	21.0	24.4	26.9	28.4	29.0
Break-even (% of installed capacity)	42.3	40.4	38.4	36.4	34.4

20 Key assumptions

- Commercial production starts in April 2027, and all assets are in use from the first year.
- Capacity utilisation of 60% in Year 1, rising to 80% by Year 5, over 330 working days a year.
- Selling price of ₹1,14,000 per MT, excluding GST, held constant through the projection.
- Raw materials at 60.2% of sales, packing materials at 3.7%, power and fuel at 4.8%, and selling and distribution at 3.9%.
- Wages and salaries rise by 5% a year; repairs and administrative overheads rise by 5% a year.
- Working capital based on 30 days of raw material, 2 days of work in progress, 15 days of finished goods and 45 days of receivables, less 30 days of creditors.
- Term loan at 10.5% interest with a 6-month moratorium and 54 monthly instalments; cash credit at 11% on 75% of the working capital requirement.
- Depreciation on the written-down value method at Income Tax Act rates; income tax at a flat 25% of profit for simplicity.
- Contingency of 5% on building and machinery; preliminary and pre-operative expenses written off over five years.
- All amounts in ₹ lakh unless stated otherwise, excluding GST.

Illustrative sample

21 Conclusion

In summary, the sample project needs ₹722.92 lakh, breaks even at 38.4% of capacity in Year 3 and repays its term loan from its own cash flow, with a payback period of about 3.6 years. A report for an actual project replaces these representative figures with local land and building costs, machinery quotations and a market survey for the chosen location.

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This document is a computer-generated illustrative sample. The capacity, prices, costs and projections are representative assumptions for a typical small-scale unit and are not based on any specific project, location or quotation. Statutory requirements change and vary by state. Niir Project Consultancy Services accepts no liability for decisions taken on the basis of this sample.

Illustrative sample

A Annexure: monthly loan repayment schedule

Term loan of ₹542.19 lakh at 10.5% a year. Amounts in ₹ lakh.

No.	Month	Opening balance	Interest	Principal	Instalment	Closing balance
1	Apr 2027	542.19	4.74	–	4.74	542.19
2	May 2027	542.19	4.74	–	4.74	542.19
3	Jun 2027	542.19	4.74	–	4.74	542.19
4	Jul 2027	542.19	4.74	–	4.74	542.19
5	Aug 2027	542.19	4.74	–	4.74	542.19
6	Sep 2027	542.19	4.74	–	4.74	542.19
7	Oct 2027	542.19	4.74	7.90	12.64	534.29
8	Nov 2027	534.29	4.68	7.97	12.64	526.33
9	Dec 2027	526.33	4.61	8.04	12.64	518.29
10	Jan 2028	518.29	4.54	8.11	12.64	510.18
11	Feb 2028	510.18	4.46	8.18	12.64	502.00
12	Mar 2028	502.00	4.39	8.25	12.64	493.76
13	Apr 2028	493.76	4.32	8.32	12.64	485.43
14	May 2028	485.43	4.25	8.39	12.64	477.04
15	Jun 2028	477.04	4.17	8.47	12.64	468.57
16	Jul 2028	468.57	4.10	8.54	12.64	460.03
17	Aug 2028	460.03	4.03	8.62	12.64	451.41
18	Sep 2028	451.41	3.95	8.69	12.64	442.72
19	Oct 2028	442.72	3.87	8.77	12.64	433.95
20	Nov 2028	433.95	3.80	8.84	12.64	425.11
21	Dec 2028	425.11	3.72	8.92	12.64	416.19
22	Jan 2029	416.19	3.64	9.00	12.64	407.19
23	Feb 2029	407.19	3.56	9.08	12.64	398.11
24	Mar 2029	398.11	3.48	9.16	12.64	388.95
25	Apr 2029	388.95	3.40	9.24	12.64	379.71
26	May 2029	379.71	3.32	9.32	12.64	370.39
27	Jun 2029	370.39	3.24	9.40	12.64	360.99
28	Jul 2029	360.99	3.16	9.48	12.64	351.51
29	Aug 2029	351.51	3.08	9.57	12.64	341.94
30	Sep 2029	341.94	2.99	9.65	12.64	332.29
31	Oct 2029	332.29	2.91	9.73	12.64	322.56
32	Nov 2029	322.56	2.82	9.82	12.64	312.74
33	Dec 2029	312.74	2.74	9.91	12.64	302.83
34	Jan 2030	302.83	2.65	9.99	12.64	292.84
35	Feb 2030	292.84	2.56	10.08	12.64	282.76
36	Mar 2030	282.76	2.47	10.17	12.64	272.59
37	Apr 2030	272.59	2.39	10.26	12.64	262.34
38	May 2030	262.34	2.30	10.35	12.64	251.99
39	Jun 2030	251.99	2.20	10.44	12.64	241.55

Illustrative sample

No.	Month	Opening balance	Interest	Principal	Instalment	Closing balance
40	Jul 2030	241.55	2.11	10.53	12.64	231.03
41	Aug 2030	231.03	2.02	10.62	12.64	220.41
42	Sep 2030	220.41	1.93	10.71	12.64	209.69
43	Oct 2030	209.69	1.83	10.81	12.64	198.88
44	Nov 2030	198.88	1.74	10.90	12.64	187.98
45	Dec 2030	187.98	1.64	11.00	12.64	176.99
46	Jan 2031	176.99	1.55	11.09	12.64	165.89
47	Feb 2031	165.89	1.45	11.19	12.64	154.70
48	Mar 2031	154.70	1.35	11.29	12.64	143.41
49	Apr 2031	143.41	1.25	11.39	12.64	132.03
50	May 2031	132.03	1.16	11.49	12.64	120.54
51	Jun 2031	120.54	1.05	11.59	12.64	108.95
52	Jul 2031	108.95	0.95	11.69	12.64	97.27
53	Aug 2031	97.27	0.85	11.79	12.64	85.47
54	Sep 2031	85.47	0.75	11.89	12.64	73.58
55	Oct 2031	73.58	0.64	12.00	12.64	61.58
56	Nov 2031	61.58	0.54	12.10	12.64	49.48
57	Dec 2031	49.48	0.43	12.21	12.64	37.27
58	Jan 2032	37.27	0.33	12.32	12.64	24.96
59	Feb 2032	24.96	0.22	12.42	12.64	12.53
60	Mar 2032	12.53	0.11	12.53	12.64	–

Illustrative sample