AN ISO 9001 : 2015 CERTIFIED COMPANY

Detailed project report
Sample edition
Projections from FY 2027-28

Project report

Barium Carbonate

Installed capacity 20 MT per day
Sector Specialty chemicals
Total project cost ₹1,486.63 lakh

Illustrative sample
Figures are representative

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Project at a glance

Barium Carbonate
20 MT per day

Product	Barium Carbonate	Sector	Specialty chemicals
Installed capacity	20 MT per day	Annual capacity	6,600 MT per year
Selling price (ex-GST)	₹51,100 per MT	Working days	330 a year
Manpower	74 people	Plant and machinery	₹788.88 lakh
Total project cost	**₹1,486.63 lakh**	Promoter's contribution	₹371.66 lakh (25%)
Term loan	₹1,114.97 lakh (75%)	Cash credit limit	₹235.54 lakh
Revenue, Year 3	₹2,360.82 lakh at 70%	Net profit, Year 3	₹201.78 lakh
Return on investment	**13.6% a year**	Break-even, Year 3	**45.6% of capacity**
Average DSCR	**1.41**	Payback period	4.5 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.

Contents

1 Introduction
2 Uses and applications
3 Market potential
4 Manufacturing process
5 Raw materials
6 Plant and machinery
7 Land, building and utilities
8 Manpower
9 Licences and approvals
10 Project cost and means of finance
11 Working capital
12 Projected profitability
13 Cash flow statement
14 Projected balance sheet
15 Depreciation
16 Term loan repayment
17 Debt service coverage
18 Break-even analysis
19 Financial ratios
20 Key assumptions
21 Conclusion
A Annexure: monthly loan repayment schedule

Illustrative sample

1 Introduction

This sample report sets out the techno-economic case for a unit making barium carbonate. The model plant has an installed capacity of 20 MT per day, which works out to 6,600 MT per year over 330 working days. Its applications range from specialty and crystal glass to manufacture of other barium salts.

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 ₹2,360.82 lakh and a net profit of ₹201.78 lakh.

2 Uses and applications

The product is bought for these main uses:

- Specialty and crystal glass
- Ceramic glazes, frits and tile bodies
- Prevention of efflorescence in clay bricks
- Barium ferrite magnets and electronic ceramics
- Manufacture of other barium salts

3 Market potential

Demand comes from glass, ceramic tile and frit makers in Gujarat and other ceramic clusters, from brick and clay product makers who use it to stop scumming, and from ferrite and barium salt producers. India has large barytes reserves in Andhra Pradesh, so a plant near the ore and a soda ash source can compete with imports on freight. Buyers approve suppliers on purity, residual sulphur and particle size, and the sale of the sodium sulphide by-product has a large effect on margins.

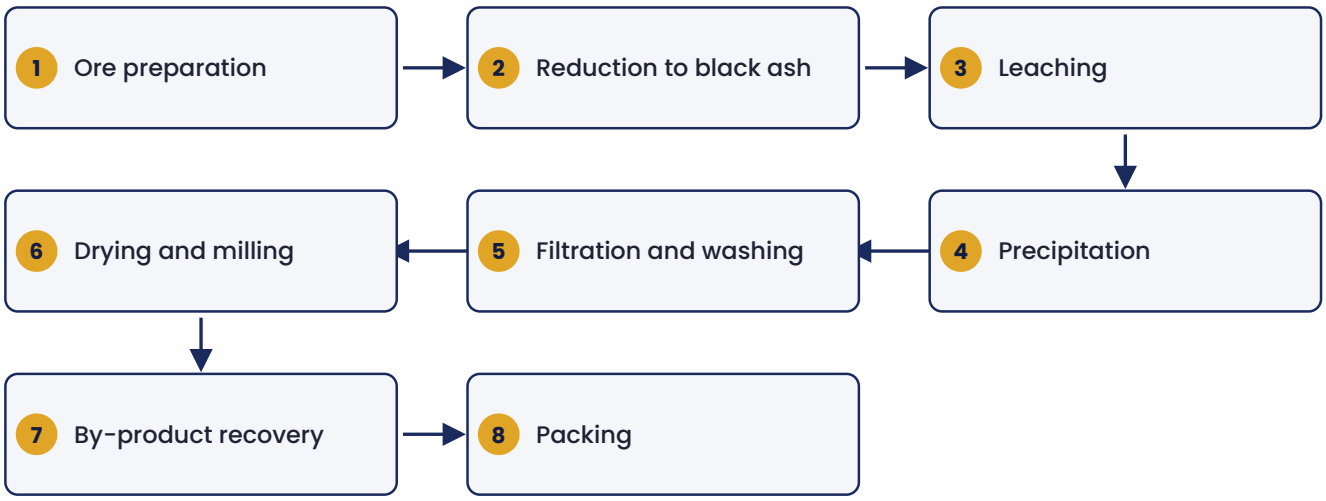
Sales are typically made to glass and crystal glassware makers; ceramic tile, glaze and frit producers; brick and clay product manufacturers; ferrite magnet and electronic component makers; barium salt and specialty chemical producers; and chemical traders and exporters.

A full NPCS report adds a market survey with present demand, expected growth and the names and addresses of existing manufacturers, worked out for the location you choose.

Illustrative sample

4 Manufacturing process

The manufacturing process runs in eight stages. Each stage is described below, and the flow chart shows the sequence.



Process flow for barium carbonate

1. **Ore preparation.** Barytes is crushed, ground and mixed with petroleum coke in about a 4 to 1 ratio.
2. **Reduction to black ash.** The mix is fired in a rotary kiln at about 1000 to 1200 degrees C so barium sulphate is reduced to barium sulphide.
3. **Leaching.** The cooled black ash is leached with hot water and the barium sulphide liquor is clarified in thickeners.
4. **Precipitation.** Soda ash solution is added to the hot liquor so barium carbonate precipitates and sodium sulphide stays in solution.
5. **Filtration and washing.** The slurry is filtered and the cake is washed to bring residual sulphur down to the grade limit.
6. **Drying and milling.** The washed cake is flash dried and pulverised to the particle size buyers ask for.
7. **By-product recovery.** The sodium sulphide filtrate is concentrated and flaked for sale to tanneries and dye makers.
8. **Packing.** Barium carbonate powder is tested and packed in 25 or 50 kg HDPE bags.

Illustrative sample

5 Raw materials

The plant uses soda ash (light); barytes ore, chemical grade; petroleum coke or low-ash coal; and process chemicals. Raw material purchases in Year 3 are estimated at ₹1,227.70 lakh, which is 52% of sales. The split by material is shown below.

Raw material	Share of cost	Year 3 cost (₹ lakh)
Soda ash (light)	48.0%	589.30
Barytes ore, chemical grade	34.0%	417.42
Petroleum coke or low-ash coal	16.0%	196.43
Process chemicals	2.0%	24.55
Total raw materials	**100.0%**	**1,227.70**

6 Plant and machinery

Plant and machinery accounts for ₹788.88 lakh of the project cost. The rotary reduction kiln with burner and cooler takes the largest share, and the other items and their indicative costs are listed below.

Machinery and equipment	Indicative cost (₹ lakh)
Rotary reduction kiln with burner and cooler	205.11
Jaw crusher and ball mill	63.11
Leaching tanks and thickeners	94.66
Precipitation reactors with agitators	86.78
Filter press and washing system	78.89
Flash dryer and pulveriser	86.78
Sodium sulphide evaporator and flaker	78.89
Kiln gas scrubber and dust collector	63.11
Bag filling and stitching machine	31.55
Total plant and machinery	**788.88**

7 Land, building and utilities

The model includes land and site development of ₹81.96 lakh and building and civil works of ₹314.68 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 ₹133.08 lakh.

Utilities in Year 3 cost ₹160.75 lakh for power and fuel, or 6.8% of sales. The plant also needs a reliable water supply for cleaning and domestic use, and for the process where required.

Illustrative sampl

8 Manpower

A team of 74 runs the plant, from management and supervision to skilled operators and helpers. The Year 1 wage bill is ₹166.80 lakh, rising 5% a year.

Category	Number	Monthly wage (₹)	Annual cost (₹ lakh)
Management, supervision and administration	11	32,500	42.90
Skilled workers and operators	26	20,500	63.96
Semi-skilled and unskilled workers	37	13,500	59.94
Total (Year 1)	**74**		**166.80**

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
- BIS standard IS 3205 for technical grade and IS 12928 for ceramic and glass grade
- BIS certification where the Precipitated Barium Carbonate Quality Control Order applies

10 Project cost and means of finance

Project cost is estimated at ₹1,486.63 lakh, including fixed assets of ₹1,373.78 lakh and margin money for working capital of ₹78.51 lakh.

Cost of project	₹ lakh
Land and site development	81.96
Building and civil works	314.68
Plant and machinery	788.88
Other fixed assets (electrification, furniture, lab equipment, DG set)	133.08
Contingencies	55.18
Preliminary and pre-operative expenses	34.34
Margin money for working capital	78.51
Total cost of project	**1,486.63**

Illustrative sample

Means of finance

Funding follows a 75:25 split between bank loan and promoter's contribution, with a term loan of ₹1,114.97 lakh and promoter funds of ₹371.66 lakh. The bank also provides a cash credit limit of ₹235.54 lakh for working capital.

Source of funds	₹ lakh
Promoter's contribution (25%)	371.66
Term loan from bank (75%)	1,114.97
Total means of finance	**1,486.63**
Cash credit limit for working capital (separate)	*235.54*

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 ₹314.05 lakh. The bank funds ₹235.54 lakh through cash credit and the promoter's margin covers ₹78.51 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)	86.49	93.70	100.91	108.11	115.32
Work in progress (3 days)	11.15	12.04	12.92	13.81	14.71
Finished goods (15 days)	59.83	64.55	69.28	74.04	78.82
Trade receivables (45 days)	249.48	270.27	291.06	311.85	332.64
Total current assets	**406.95**	**440.56**	**474.17**	**507.81**	**541.49**
Less: trade creditors (30 days)	92.90	100.64	108.39	116.13	123.87
Working capital requirement	**314.05**	**339.92**	**365.78**	**391.68**	**417.62**

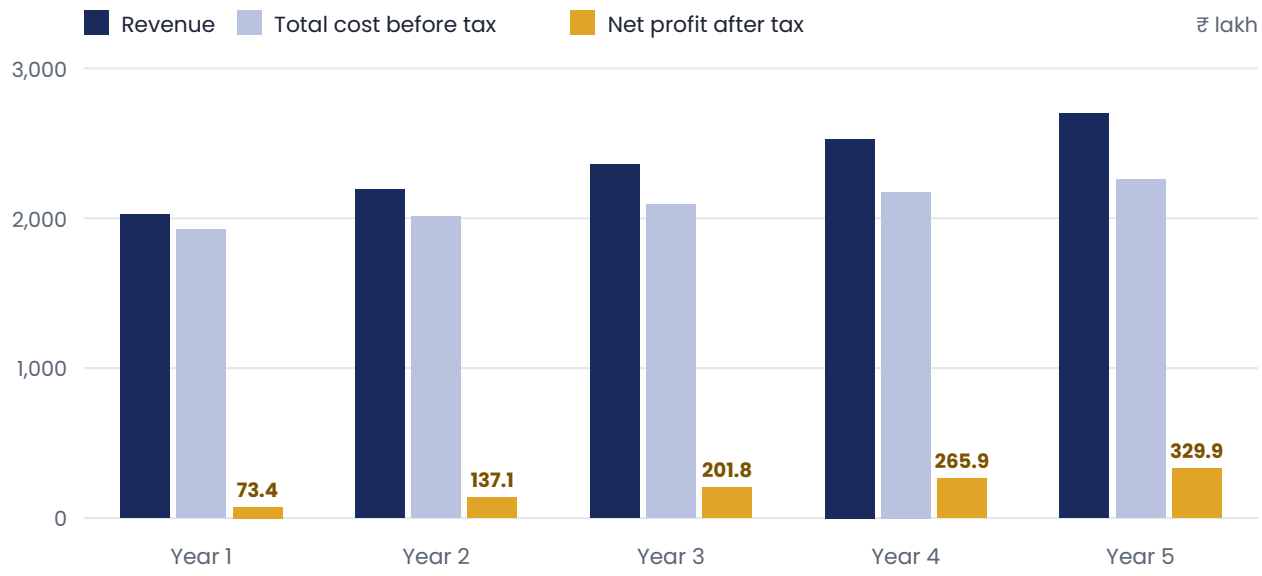
Illustrative sample

12 Projected profitability

The unit is profitable from the first year, with a net profit of ₹73.42 lakh on sales of ₹2,023.56 lakh. By Year 5 sales reach ₹2,698.08 lakh and net profit ₹329.90 lakh, giving an average net margin of 8.2% across the projection.

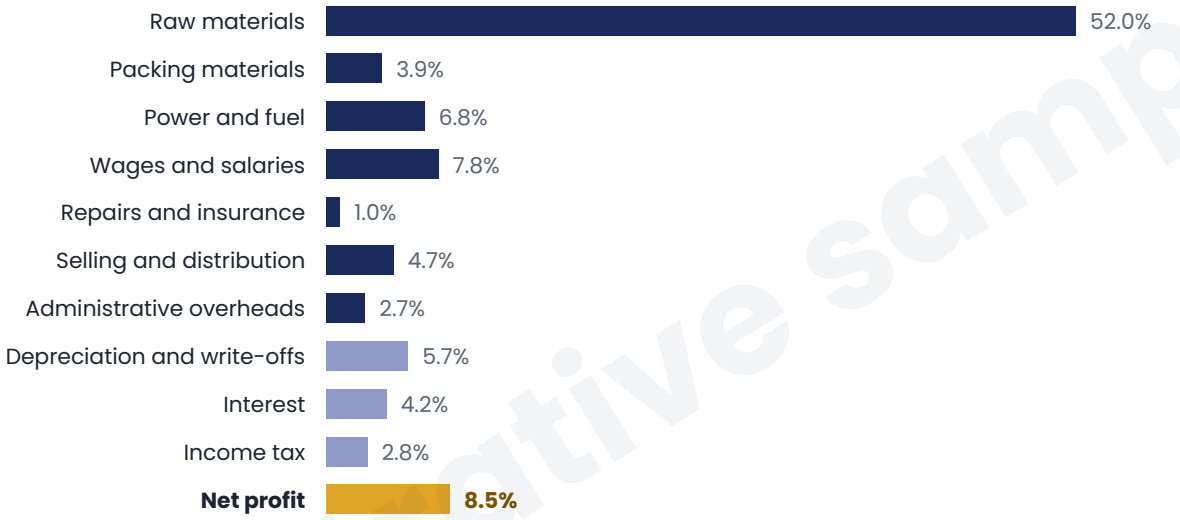
Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Capacity utilisation (%)	*60%*	*65%*	*70%*	*75%*	*80%*
Revenue from operations	**2,023.56**	**2,192.19**	**2,360.82**	**2,529.45**	**2,698.08**
Raw materials consumed	1,052.31	1,140.00	1,227.70	1,315.39	1,403.08
Packing materials	77.99	84.49	90.99	97.49	103.98
Power and fuel	137.78	149.27	160.75	172.23	183.71
Wages and salaries	166.80	175.14	183.90	193.09	202.75
Repairs and maintenance	15.78	16.57	17.39	18.26	19.18
Insurance	5.17	5.17	5.17	5.17	5.17
Cost of production	**1,455.83**	**1,570.64**	**1,685.90**	**1,801.63**	**1,917.87**
Gross profit	**567.73**	**621.55**	**674.92**	**727.82**	**780.21**
Selling and distribution expenses	94.10	101.94	109.78	117.62	125.46
Administrative overheads	57.44	60.31	63.32	66.49	69.81
Operating profit (EBITDA)	**416.19**	**459.30**	**501.82**	**543.71**	**584.94**
Depreciation	170.60	147.33	127.31	110.09	95.27
Preliminary expenses written off	6.87	6.87	6.87	6.87	6.86
Interest on term loan	114.92	96.44	72.69	46.32	17.04
Interest on cash credit	25.91	25.91	25.91	25.91	25.91
Profit before tax	**97.89**	**182.75**	**269.04**	**354.52**	**439.86**
Income tax	24.47	45.69	67.26	88.63	109.96
Profit after tax	**73.42**	**137.06**	**201.78**	**265.89**	**329.90**

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 ₹474.45 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	371.66	–	–	–	–
Term loan from bank	1,114.97	–	–	–	–
Cash credit (working capital) from bank	235.54	–	–	–	–
Net profit after tax	73.42	137.06	201.78	265.89	329.90
Depreciation	170.60	147.33	127.31	110.09	95.27
Preliminary expenses written off	6.87	6.87	6.87	6.87	6.86
Increase in trade creditors	92.90	7.74	7.75	7.74	7.74
Total sources	**2,065.96**	**299.00**	**343.71**	**390.59**	**439.77**
Application of funds					
Fixed assets	1,373.78	–	–	–	–
Preliminary and pre-operative expenses	34.34	–	–	–	–
Increase in inventories	157.47	12.82	12.82	12.85	12.89
Increase in trade receivables	249.48	20.79	20.79	20.79	20.79
Repayment of term loan	99.60	215.53	239.27	265.65	294.92
Drawings	–	–	–	–	–
Total application	1,914.67	249.14	272.88	299.29	328.60
Net cash flow	**151.29**	**49.86**	**70.83**	**91.30**	**111.17**
Opening cash balance	–	151.29	201.15	271.98	363.28
Closing cash balance	**151.29**	**201.15**	**271.98**	**363.28**	**474.45**

Illustrative sample

14 Projected balance sheet

Over the projection, retained profits build the promoter's net worth from ₹417.61 lakh to ₹1,379.71 lakh, and the term loan reduces from ₹1,015.37 lakh to nil as it is repaid.

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	371.66	371.66	371.66	371.66	371.66
Reserves and surplus	73.42	210.48	412.26	678.15	1,008.05
Term loan	1,015.37	799.84	560.57	294.92	–
Cash credit from bank	235.54	235.54	235.54	235.54	235.54
Trade creditors	92.90	100.64	108.39	116.13	123.87
Total liabilities	**1,788.89**	**1,718.16**	**1,688.42**	**1,696.40**	**1,739.12**
Assets					
Gross fixed assets	1,373.78	1,373.78	1,373.78	1,373.78	1,373.78
Less: accumulated depreciation	(170.60)	(317.93)	(445.24)	(555.33)	(650.60)
Net fixed assets	**1,203.18**	**1,055.85**	**928.54**	**818.45**	**723.18**
Preliminary expenses not written off	27.47	20.60	13.73	6.86	–
Inventories	157.47	170.29	183.11	195.96	208.85
Trade receivables	249.48	270.27	291.06	311.85	332.64
Cash and bank balance	151.29	201.15	271.98	363.28	474.45
Total assets	**1,788.89**	**1,718.16**	**1,688.42**	**1,696.40**	**1,739.12**

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 ₹330.41 lakh, 10% WDV)					
Opening written-down value	330.41	297.37	267.63	240.87	216.78
Depreciation	33.04	29.74	26.76	24.09	21.68
Closing written-down value	**297.37**	**267.63**	**240.87**	**216.78**	**195.10**
Plant and machinery (cost ₹828.33 lakh, 15% WDV)					
Opening written-down value	828.33	704.08	598.47	508.70	432.40
Depreciation	124.25	105.61	89.77	76.30	64.86
Closing written-down value	**704.08**	**598.47**	**508.70**	**432.40**	**367.54**
Other fixed assets (cost ₹133.08 lakh, 10% WDV)					
Opening written-down value	133.08	119.77	107.79	97.01	87.31
Depreciation	13.31	11.98	10.78	9.70	8.73
Closing written-down value	**119.77**	**107.79**	**97.01**	**87.31**	**78.58**
Total depreciation	**170.60**	**147.33**	**127.31**	**110.09**	**95.27**
Preliminary expenses written off	6.87	6.87	6.87	6.87	6.86

16 Term loan repayment

Repayment of the ₹1,114.97 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 ₹25,99,686 each, and the annexure gives the monthly schedule.

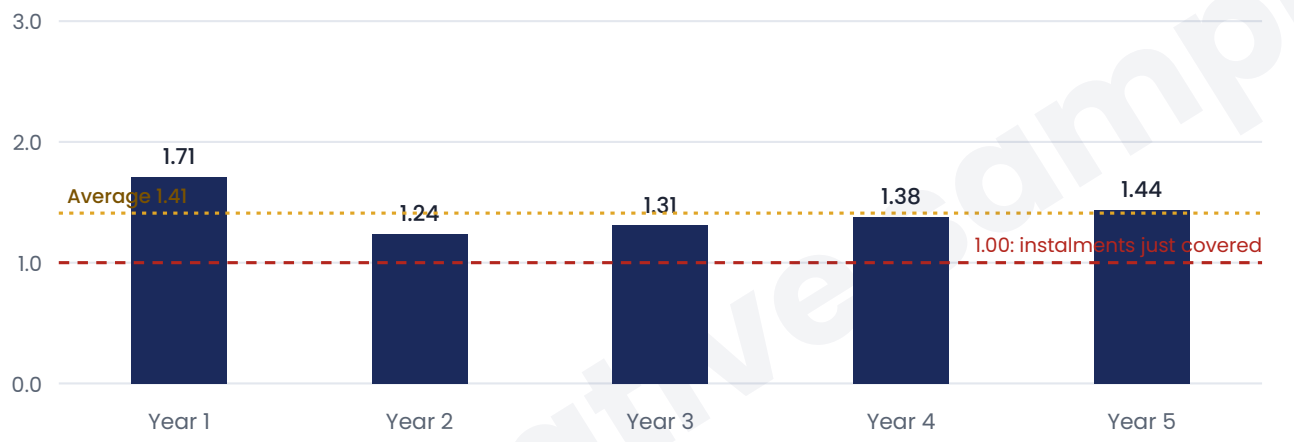
Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Opening balance	1,114.97	1,015.37	799.84	560.57	294.92
Interest	114.92	96.44	72.69	46.32	17.04
Principal repaid	99.60	215.53	239.27	265.65	294.92
Closing balance	**1,015.37**	**799.84**	**560.57**	**294.92**	**–**

Illustrative sample

17 Debt service coverage

The debt service coverage ratio averages 1.41 over the repayment years, with a low of 1.24 in Year 2. A DSCR above 1 means the unit earns enough to meet its loan instalments, and the model keeps a margin above that in every year.

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	73.42	137.06	201.78	265.89	329.90
Depreciation and write-offs	177.47	154.20	134.18	116.96	102.13
Interest on term loan	114.92	96.44	72.69	46.32	17.04
Total available for debt service (A)	**365.81**	**387.70**	**408.65**	**429.17**	**449.07**
Principal repayment	99.60	215.53	239.27	265.65	294.92
Interest on term loan	114.92	96.44	72.69	46.32	17.04
Total debt service (B)	**214.52**	**311.97**	**311.96**	**311.97**	**311.96**
DSCR (A / B)	1.71	1.24	1.31	1.38	1.44



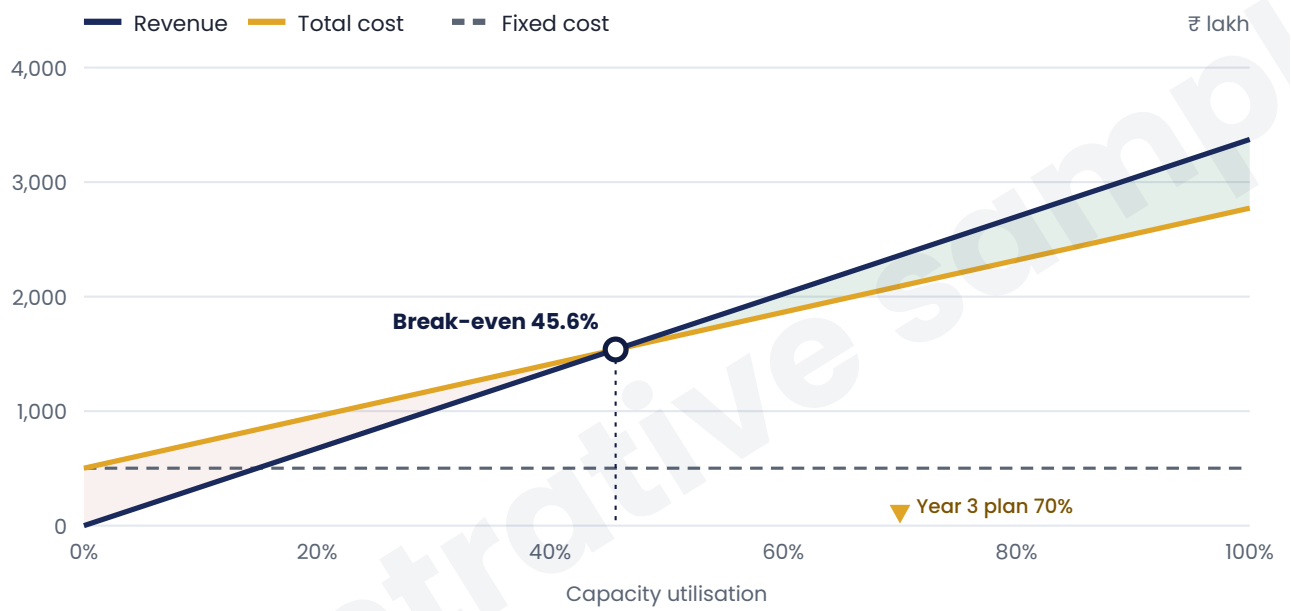
DSCR by year. A ratio above 1.00 means cash accruals cover the term loan instalments.

Illustrative sample

18 Break-even analysis

The break-even point in Year 3 is 45.6% of installed capacity. Below that level the unit would not cover its fixed costs, interest and depreciation; above it, each additional unit sold adds to profit. Cash break-even is lower, at 33.4%.

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	2,023.56	2,192.19	2,360.82	2,529.45	2,698.08
Variable costs	1,362.18	1,475.70	1,589.22	1,702.73	1,816.23
Contribution	**661.38**	**716.49**	**771.60**	**826.72**	**881.85**
Fixed costs (incl. depreciation and interest)	563.49	533.74	502.56	472.20	441.99
Break-even as % of installed capacity	51.1	48.4	45.6	42.8	40.1
Cash break-even as % of installed capacity	35.0	34.4	33.4	32.2	30.8
Break-even sales	1,724.06	1,633.04	1,537.65	1,444.75	1,352.30



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 1.70, while debt-equity drops from 2.43 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	1.70	1.91	2.17	2.48	2.83
Quick ratio	1.22	1.40	1.64	1.92	2.25
Debt-equity ratio (term loan / net worth)	2.43	1.42	0.73	0.28	0.00
Total outside liabilities / net worth	3.22	2.02	1.17	0.62	0.26
Interest coverage ratio	1.70	2.49	3.73	5.91	11.24
DSCR	1.71	1.24	1.31	1.38	1.44
Gross profit margin (%)	28.1	28.4	28.6	28.8	28.9
Operating profit (EBITDA) margin (%)	20.6	21.0	21.3	21.5	21.7
Net profit margin (%)	3.6	6.3	8.5	10.5	12.2
Return on capital employed (%)	14.3	19.1	23.5	27.1	29.9
Break-even (% of installed capacity)	51.1	48.4	45.6	42.8	40.1

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 ₹51,100 per MT, excluding GST, held constant through the projection.
- Raw materials at 52% of sales, packing materials at 3.9%, power and fuel at 6.8%, and selling and distribution at 4.7%.
- 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, 3 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

On these illustrative assumptions, a barium carbonate unit of 20 MT per day costs ₹1,486.63 lakh to set up, earns an average return of 13.6% on that investment and pays back in about 4.5 years. An average DSCR of 1.41 and break-even at 45.6% of capacity point to a project that can carry its bank debt. Actual figures depend on the location, the machinery chosen, input prices and the promoter's plans, which is why a full report is prepared for each project.

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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 ₹1,114.97 lakh at 10.5% a year. Amounts in ₹ lakh.

No.	Month	Opening balance	Interest	Principal	Instalment	Closing balance
1	Apr 2027	1,114.97	9.76	–	9.76	1,114.97
2	May 2027	1,114.97	9.76	–	9.76	1,114.97
3	Jun 2027	1,114.97	9.76	–	9.76	1,114.97
4	Jul 2027	1,114.97	9.76	–	9.76	1,114.97
5	Aug 2027	1,114.97	9.76	–	9.76	1,114.97
6	Sep 2027	1,114.97	9.76	–	9.76	1,114.97
7	Oct 2027	1,114.97	9.76	16.24	26.00	1,098.73
8	Nov 2027	1,098.73	9.61	16.38	26.00	1,082.35
9	Dec 2027	1,082.35	9.47	16.53	26.00	1,065.82
10	Jan 2028	1,065.82	9.33	16.67	26.00	1,049.15
11	Feb 2028	1,049.15	9.18	16.82	26.00	1,032.33
12	Mar 2028	1,032.33	9.03	16.96	26.00	1,015.37
13	Apr 2028	1,015.37	8.88	17.11	26.00	998.26
14	May 2028	998.26	8.73	17.26	26.00	980.99
15	Jun 2028	980.99	8.58	17.41	26.00	963.58
16	Jul 2028	963.58	8.43	17.57	26.00	946.01
17	Aug 2028	946.01	8.28	17.72	26.00	928.30
18	Sep 2028	928.30	8.12	17.87	26.00	910.42
19	Oct 2028	910.42	7.97	18.03	26.00	892.39
20	Nov 2028	892.39	7.81	18.19	26.00	874.20
21	Dec 2028	874.20	7.65	18.35	26.00	855.85
22	Jan 2029	855.85	7.49	18.51	26.00	837.35
23	Feb 2029	837.35	7.33	18.67	26.00	818.68
24	Mar 2029	818.68	7.16	18.83	26.00	799.84
25	Apr 2029	799.84	7.00	19.00	26.00	780.84
26	May 2029	780.84	6.83	19.16	26.00	761.68
27	Jun 2029	761.68	6.66	19.33	26.00	742.35
28	Jul 2029	742.35	6.50	19.50	26.00	722.85
29	Aug 2029	722.85	6.32	19.67	26.00	703.18
30	Sep 2029	703.18	6.15	19.84	26.00	683.33
31	Oct 2029	683.33	5.98	20.02	26.00	663.31
32	Nov 2029	663.31	5.80	20.19	26.00	643.12
33	Dec 2029	643.12	5.63	20.37	26.00	622.75
34	Jan 2030	622.75	5.45	20.55	26.00	602.20
35	Feb 2030	602.20	5.27	20.73	26.00	581.48
36	Mar 2030	581.48	5.09	20.91	26.00	560.57
37	Apr 2030	560.57	4.90	21.09	26.00	539.47
38	May 2030	539.47	4.72	21.28	26.00	518.20
39	Jun 2030	518.20	4.53	21.46	26.00	496.74

Illustrative sample

No.	Month	Opening balance	Interest	Principal	Instalment	Closing balance
40	Jul 2030	496.74	4.35	21.65	26.00	475.09
41	Aug 2030	475.09	4.16	21.84	26.00	453.25
42	Sep 2030	453.25	3.97	22.03	26.00	431.21
43	Oct 2030	431.21	3.77	22.22	26.00	408.99
44	Nov 2030	408.99	3.58	22.42	26.00	386.57
45	Dec 2030	386.57	3.38	22.61	26.00	363.96
46	Jan 2031	363.96	3.18	22.81	26.00	341.15
47	Feb 2031	341.15	2.99	23.01	26.00	318.13
48	Mar 2031	318.13	2.78	23.21	26.00	294.92
49	Apr 2031	294.92	2.58	23.42	26.00	271.50
50	May 2031	271.50	2.38	23.62	26.00	247.88
51	Jun 2031	247.88	2.17	23.83	26.00	224.06
52	Jul 2031	224.06	1.96	24.04	26.00	200.02
53	Aug 2031	200.02	1.75	24.25	26.00	175.77
54	Sep 2031	175.77	1.54	24.46	26.00	151.31
55	Oct 2031	151.31	1.32	24.67	26.00	126.64
56	Nov 2031	126.64	1.11	24.89	26.00	101.75
57	Dec 2031	101.75	0.89	25.11	26.00	76.65
58	Jan 2032	76.65	0.67	25.33	26.00	51.32
59	Feb 2032	51.32	0.45	25.55	26.00	25.77
60	Mar 2032	25.77	0.23	25.77	26.00	–

Illustrative sample