AN ISO 9001 : 2015 CERTIFIED COMPANY

Detailed project report
Sample edition
Projections from FY 2027-28

Project report

Chlorosulphonic Acid and Oleum

Installed capacity 25 MT per day
Sector Specialty chemicals
Total project cost ₹1,193.25 lakh

Illustrative sample
Figures are representative

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Project at a glance

Chlorosulphonic Acid and Oleum
25 MT per day

Product	**Chlorosulphonic Acid and Oleum**	Sector	**Specialty chemicals**
Installed capacity	**25 MT per day**	Annual capacity	**8,250 MT per year**
Selling price (ex-GST)	**₹35,000 per MT**	Working days	**330 a year**
Manpower	**57 people**	Plant and machinery	**₹609.96 lakh**
Total project cost	**₹1,193.25 lakh**	Promoter's contribution	**₹298.31 lakh (25%)**
Term loan	**₹894.94 lakh (75%)**	Cash credit limit	**₹200.96 lakh**
Revenue, Year 3	**₹2,021.25 lakh at 70%**	Net profit, Year 3	**₹181.22 lakh**
Return on investment	**15.2% a year**	Break-even, Year 3	**44.5% of capacity**
Average DSCR	**1.48**	Payback period	**4.3 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 project modelled here is a unit producing chlorosulphonic acid and oleum in the specialty chemicals sector, sized at 25 MT per day. Working 330 days a year, the plant can turn out 8,250 MT per year at full capacity. The product's applications range from sulpha drugs and pharmaceutical intermediates to saccharin and other specialty chemicals.

Each section follows the layout of a bank-format project report: project cost, means of finance, working capital, profitability, cash flow, balance sheet, debt service and break-even. In Year 3, running at 70% of capacity, the model unit sells ₹2,021.25 lakh worth of chlorosulphonic acid and oleum and keeps ₹181.22 lakh as net profit.

2 Uses and applications

The main applications and markets for the product are:

- Sulpha drugs and pharmaceutical intermediates
- Dyes and dye intermediates
- Sulphonation of detergents and surfactants
- Nitration and sulphonation in agrochemicals
- Saccharin and other specialty chemicals

3 Market potential

Chlorosulphonic acid and oleum are sold mainly to pharmaceutical, dye and detergent makers in chemical clusters such as Vapi, Ankleshwar and Thane, who buy in tankers on regular schedules. Both products are hazardous and fume in air, so buyers prefer a supplier close enough to deliver by road within a day. Margins depend heavily on the price of imported sulphur, so long-term buyer contracts with price-adjustment clauses matter.

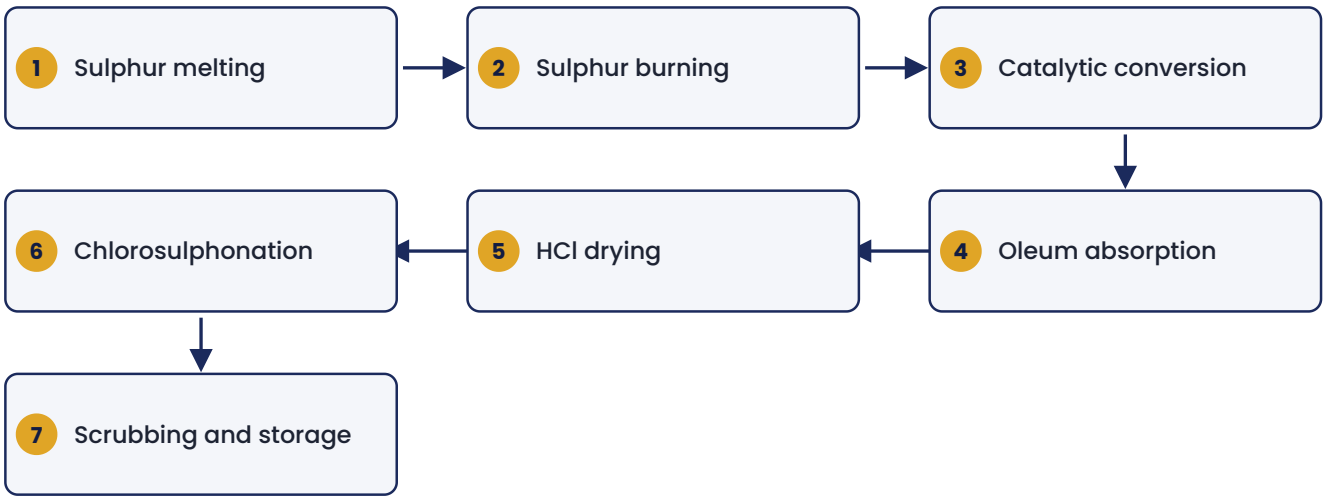
Sales are typically made to sulpha drug and pharmaceutical intermediate makers, dye and dye intermediate manufacturers, detergent and surfactant sulphonation plants, agrochemical and nitration units, and chemical traders supplying in tankers and drums.

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 seven stages. Each stage is described below, and the flow chart shows the sequence.



Process flow for chlorosulphonic acid and oleum

1. **Sulphur melting.** Solid sulphur is melted with steam coils at about 140 degrees Celsius and filtered to remove ash.
2. **Sulphur burning.** Molten sulphur is burnt in dried air to give sulphur dioxide gas, and its heat raises steam in a waste heat boiler.
3. **Catalytic conversion.** Sulphur dioxide is converted to sulphur trioxide over vanadium pentoxide catalyst in a multi-pass converter.
4. **Oleum absorption.** Sulphur trioxide is absorbed in circulating oleum to make 23 percent oleum, and the rest in 98 percent sulphuric acid.
5. **HCl drying.** Hydrogen chloride gas is dried in a sulphuric acid tower because any moisture destroys the product.
6. **Chlorosulphonation.** Sulphur trioxide stripped from oleum reacts with dry hydrogen chloride in a cooled reactor to form chlorosulphonic acid.
7. **Scrubbing and storage.** Tail gases are scrubbed before the stack and products are stored in dry, closed mild steel tanks.

Illustrative sample

5 Raw materials

The plant uses sulphur, hydrochloric acid or dry HCl gas, and process chemicals and catalyst make-up. Raw material purchases in Year 3 are estimated at ₹1,050.34 lakh, which is 52% of sales. The split by material is shown below.

Raw material	Share of cost	Year 3 cost (₹ lakh)
Sulphur	72.0%	756.24
Hydrochloric acid or dry HCl gas	22.0%	231.08
Process chemicals and catalyst make-up	6.0%	63.02
Total raw materials	**100.0%**	**1,050.34**

6 Plant and machinery

Plant and machinery for the model unit is estimated at ₹609.96 lakh, before the contingency allowance. The multi-pass converter with vanadium catalyst is the largest single item. A full NPCS report adds specifications and supplier names for each machine.

Machinery and equipment	Indicative cost (₹ lakh)
Sulphur melter with steam coils and filter	48.80
Sulphur furnace with air blower and drying tower	85.39
Waste heat boiler and economiser	79.29
Multi-pass converter with vanadium catalyst	103.69
Oleum and final absorption towers with acid coolers	97.59
Oleum boiler and SO3 stripper	48.80
HCl drying tower and chlorosulphonation reactor	61.00
Acid storage tanks and transfer pumps	48.80
Tail gas scrubber and stack	36.60
Total plant and machinery	**609.96**

7 Land, building and utilities

Land and site development is taken at ₹98.02 lakh and building and civil works at ₹242.83 lakh. Other fixed assets, including electrification, furniture, testing equipment and power backup, add ₹105.34 lakh. Land rates vary widely by location, so these are the figures most likely to change in a real project.

Utilities in Year 3 cost ₹144.86 lakh for power and fuel, or 7.2% 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 57 runs the plant, from management and supervision to skilled operators and helpers. The Year 1 wage bill is ₹129.66 lakh, rising 5% a year.

Category	Number	Monthly wage (₹)	Annual cost (₹ lakh)
Management, supervision and administration	9	32,500	35.10
Skilled workers and operators	20	20,500	49.20
Semi-skilled and unskilled workers	28	13,500	45.36
Total (Year 1)	**57**		**129.66**

9 Licences and approvals

A unit of this kind typically needs the following registrations and approvals. Requirements vary by state and by the exact product, so confirm them with the local authorities before applying.

- 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
- Hazard identification, safety data sheets and labelling under the MSIHC Rules 1989 (oleum and chlorosulphonic acid are listed)
- Registration of the waste heat boiler with the state Boiler Inspectorate
- IS 266 for sulphuric acid quality and IS 6156 code of safety for chlorosulphonic acid
- SO2 and acid mist emission limits for sulphuric acid plants under the Environment (Protection) Rules

Illustrative sampl

10 Project cost and means of finance

Setting up the unit costs ₹1,193.25 lakh in all, of which plant and machinery is ₹609.96 lakh. The estimate includes a 5% contingency on building and machinery, pre-operative expenses and the margin money needed to start working capital.

Cost of project	₹ lakh
Land and site development	98.02
Building and civil works	242.83
Plant and machinery	609.96
Other fixed assets (electrification, furniture, lab equipment, DG set)	105.34
Contingencies	42.64
Preliminary and pre-operative expenses	27.47
Margin money for working capital	66.99
Total cost of project	**1,193.25**

Means of finance

The promoter contributes ₹298.31 lakh (25% of project cost) and a term loan funds the remaining ₹894.94 lakh. Working capital is supported by a cash credit limit of ₹200.96 lakh.

Source of funds	₹ lakh
Promoter's contribution (25%)	298.31
Term loan from bank (75%)	894.94
Total means of finance	**1,193.25**
Cash credit limit for working capital (separate)	*200.96*

Illustrative sampl

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 ₹267.95 lakh. The bank funds ₹200.96 lakh through cash credit and the promoter's margin covers ₹66.99 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)	74.00	80.16	86.33	92.50	98.66
Work in progress (3 days)	9.49	10.24	11.00	11.76	12.52
Finished goods (15 days)	51.34	55.41	59.49	63.59	67.71
Trade receivables (45 days)	213.60	231.40	249.20	266.99	284.79
Total current assets	**348.43**	**377.21**	**406.02**	**434.84**	**463.68**
Less: trade creditors (30 days)	80.48	87.19	93.90	100.60	107.31
Working capital requirement	**267.95**	**290.02**	**312.12**	**334.24**	**356.37**

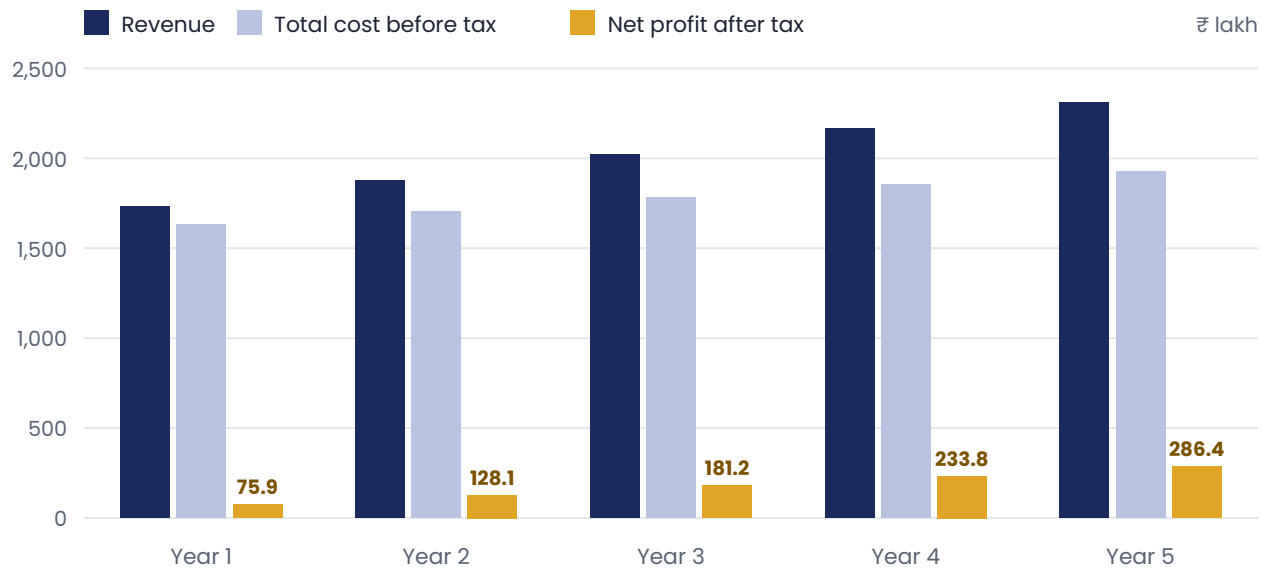
Illustrative sampl

12 Projected profitability

The unit is profitable from the first year, with a net profit of ₹75.86 lakh on sales of ₹1,732.50 lakh. By Year 5 sales reach ₹2,310.00 lakh and net profit ₹286.42 lakh, giving an average net margin of 8.7% across the projection.

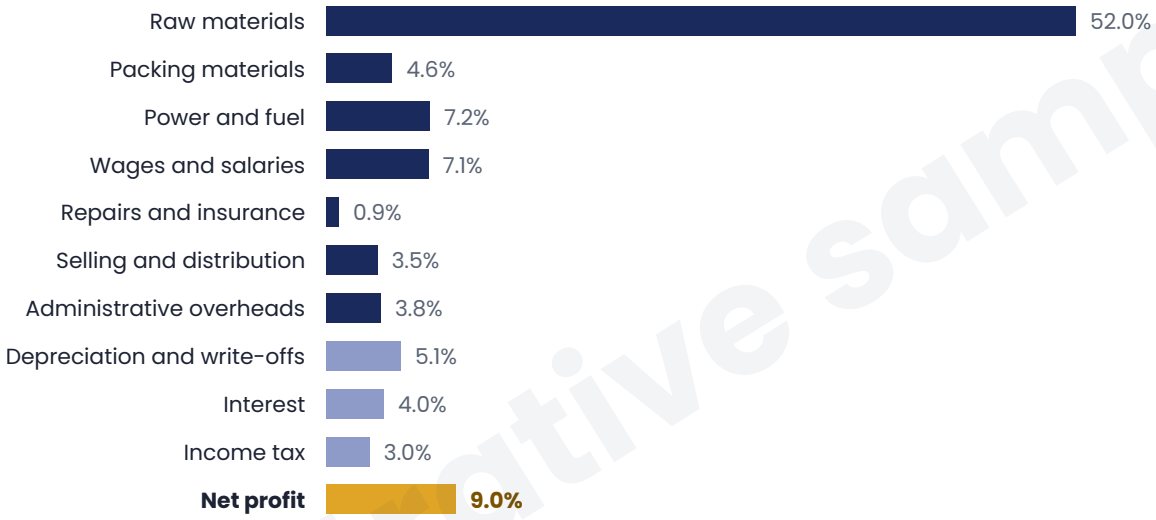
Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Capacity utilisation (%)	*60%*	*65%*	*70%*	*75%*	*80%*
Revenue from operations	**1,732.50**	**1,876.88**	**2,021.25**	**2,165.62**	**2,310.00**
Raw materials consumed	900.29	975.32	1,050.34	1,125.36	1,200.39
Packing materials	78.92	85.49	92.07	98.64	105.22
Power and fuel	124.17	134.52	144.86	155.21	165.56
Wages and salaries	129.66	136.14	142.95	150.10	157.60
Repairs and maintenance	12.20	12.81	13.45	14.12	14.83
Insurance	4.00	4.00	4.00	4.00	4.00
Cost of production	**1,249.24**	**1,348.28**	**1,447.67**	**1,547.43**	**1,647.60**
Gross profit	**483.26**	**528.60**	**573.58**	**618.19**	**662.40**
Selling and distribution expenses	61.16	66.25	71.35	76.45	81.54
Administrative overheads	69.01	72.46	76.08	79.89	83.88
Operating profit (EBITDA)	**353.09**	**389.89**	**426.15**	**461.85**	**496.98**
Depreciation	132.10	114.09	98.59	85.27	73.79
Preliminary expenses written off	5.49	5.49	5.49	5.49	5.51
Interest on term loan	92.24	77.41	58.34	37.18	13.68
Interest on cash credit	22.11	22.11	22.11	22.11	22.11
Profit before tax	**101.15**	**170.79**	**241.62**	**311.80**	**381.89**
Income tax	25.29	42.70	60.40	77.95	95.47
Profit after tax	**75.86**	**128.09**	**181.22**	**233.85**	**286.42**

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

The cash flow statement sets out the sources and uses of funds year by year. The unit stays cash positive throughout and closes Year 5 with a cash balance of ₹453.39 lakh after meeting the loan repayments due.

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	298.31	–	–	–	–
Term loan from bank	894.94	–	–	–	–
Cash credit (working capital) from bank	200.96	–	–	–	–
Net profit after tax	75.86	128.09	181.22	233.85	286.42
Depreciation	132.10	114.09	98.59	85.27	73.79
Preliminary expenses written off	5.49	5.49	5.49	5.49	5.51
Increase in trade creditors	80.48	6.71	6.71	6.70	6.71
Total sources	**1,688.14**	**254.38**	**292.01**	**331.31**	**372.43**
Application of funds					
Fixed assets	1,098.79	–	–	–	–
Preliminary and pre-operative expenses	27.47	–	–	–	–
Increase in inventories	134.83	10.98	11.01	11.03	11.04
Increase in trade receivables	213.60	17.80	17.80	17.79	17.80
Repayment of term loan	79.95	172.99	192.06	213.22	236.72
Drawings	–	–	–	–	–
Total application	**1,554.64**	**201.77**	**220.87**	**242.04**	**265.56**
Net cash flow	**133.50**	**52.61**	**71.14**	**89.27**	**106.87**
Opening cash balance	–	133.50	186.11	257.25	346.52
Closing cash balance	**133.50**	**186.11**	**257.25**	**346.52**	**453.39**

Illustrative sample

14 Projected balance sheet

Over the projection, retained profits build the promoter's net worth from ₹352.19 lakh to ₹1,203.75 lakh, and the term loan reduces from ₹814.99 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	298.31	298.31	298.31	298.31	298.31
Reserves and surplus	75.86	203.95	385.17	619.02	905.44
Term loan	814.99	642.00	449.94	236.72	–
Cash credit from bank	200.96	200.96	200.96	200.96	200.96
Trade creditors	80.48	87.19	93.90	100.60	107.31
Total liabilities	**1,470.60**	**1,432.41**	**1,428.28**	**1,455.61**	**1,512.02**
Assets					
Gross fixed assets	1,098.79	1,098.79	1,098.79	1,098.79	1,098.79
Less: accumulated depreciation	(132.10)	(246.19)	(344.78)	(430.05)	(503.84)
Net fixed assets	**966.69**	**852.60**	**754.01**	**668.74**	**594.95**
Preliminary expenses not written off	21.98	16.49	11.00	5.51	–
Inventories	134.83	145.81	156.82	167.85	178.89
Trade receivables	213.60	231.40	249.20	266.99	284.79
Cash and bank balance	133.50	186.11	257.25	346.52	453.39
Total assets	**1,470.60**	**1,432.41**	**1,428.28**	**1,455.61**	**1,512.02**

Illustrative sample

15 Depreciation

Depreciation is charged on the written-down value method at Income Tax Act rates: 10% on building, 15% on plant and machinery and 10% on other fixed assets. Land is not depreciated, and preliminary expenses are written off 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 ₹254.97 lakh, 10% WDV)					
Opening written-down value	254.97	229.47	206.52	185.87	167.28
Depreciation	25.50	22.95	20.65	18.59	16.73
Closing written-down value	**229.47**	**206.52**	**185.87**	**167.28**	**150.55**
Plant and machinery (cost ₹640.46 lakh, 15% WDV)					
Opening written-down value	640.46	544.39	462.73	393.32	334.32
Depreciation	96.07	81.66	69.41	59.00	50.15
Closing written-down value	**544.39**	**462.73**	**393.32**	**334.32**	**284.17**
Other fixed assets (cost ₹105.34 lakh, 10% WDV)					
Opening written-down value	105.34	94.81	85.33	76.80	69.12
Depreciation	10.53	9.48	8.53	7.68	6.91
Closing written-down value	**94.81**	**85.33**	**76.80**	**69.12**	**62.21**
Total depreciation	**132.10**	**114.09**	**98.59**	**85.27**	**73.79**
Preliminary expenses written off	5.49	5.49	5.49	5.49	5.51

16 Term loan repayment

The term loan of ₹894.94 lakh carries interest at 10.5% a year. Only interest is paid during the 6-month moratorium, after which the loan is repaid in 54 equal monthly instalments of ₹20,86,659. The month-by-month schedule is in the annexure.

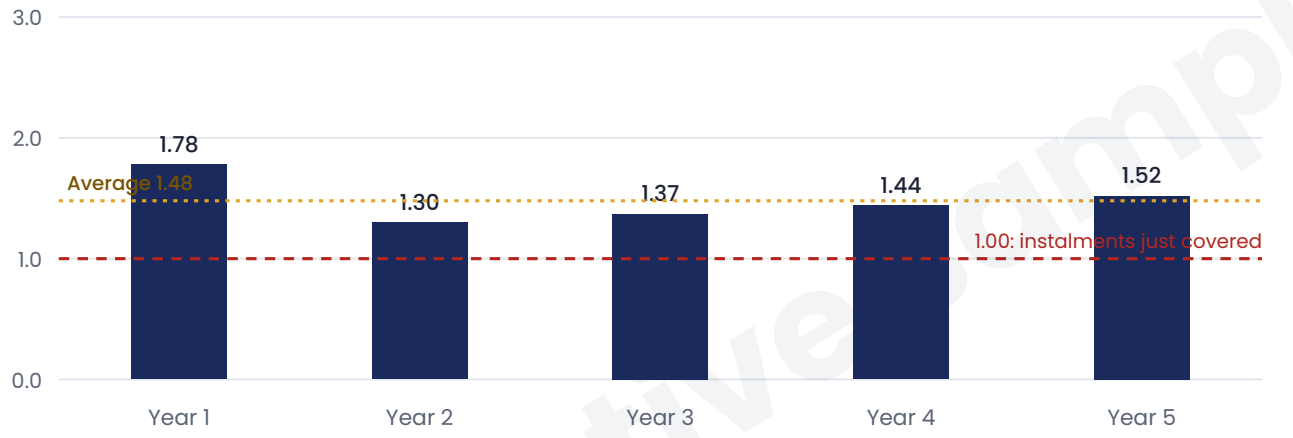
Particulars (₹ lakh)	Year 1 FY 2027-28	Year 2 FY 2028-29	Year 3 FY 2029-30	Year 4 FY 2030-31	Year 5 FY 2031-32
Opening balance	894.94	814.99	642.00	449.94	236.72
Interest	92.24	77.41	58.34	37.18	13.68
Principal repaid	79.95	172.99	192.06	213.22	236.72
Closing balance	**814.99**	**642.00**	**449.94**	**236.72**	**–**

Illustrative sample

17 Debt service coverage

Cash available for debt service covers the term loan instalments 1.48 times on average, and never less than 1.30 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	75.86	128.09	181.22	233.85	286.42
Depreciation and write-offs	137.59	119.58	104.08	90.76	79.30
Interest on term loan	92.24	77.41	58.34	37.18	13.68
Total available for debt service (A)	**305.69**	**325.08**	**343.64**	**361.79**	**379.40**
Principal repayment	79.95	172.99	192.06	213.22	236.72
Interest on term loan	92.24	77.41	58.34	37.18	13.68
Total debt service (B)	**172.19**	**250.40**	**250.40**	**250.40**	**250.40**
DSCR (A / B)	1.78	1.30	1.37	1.44	1.52



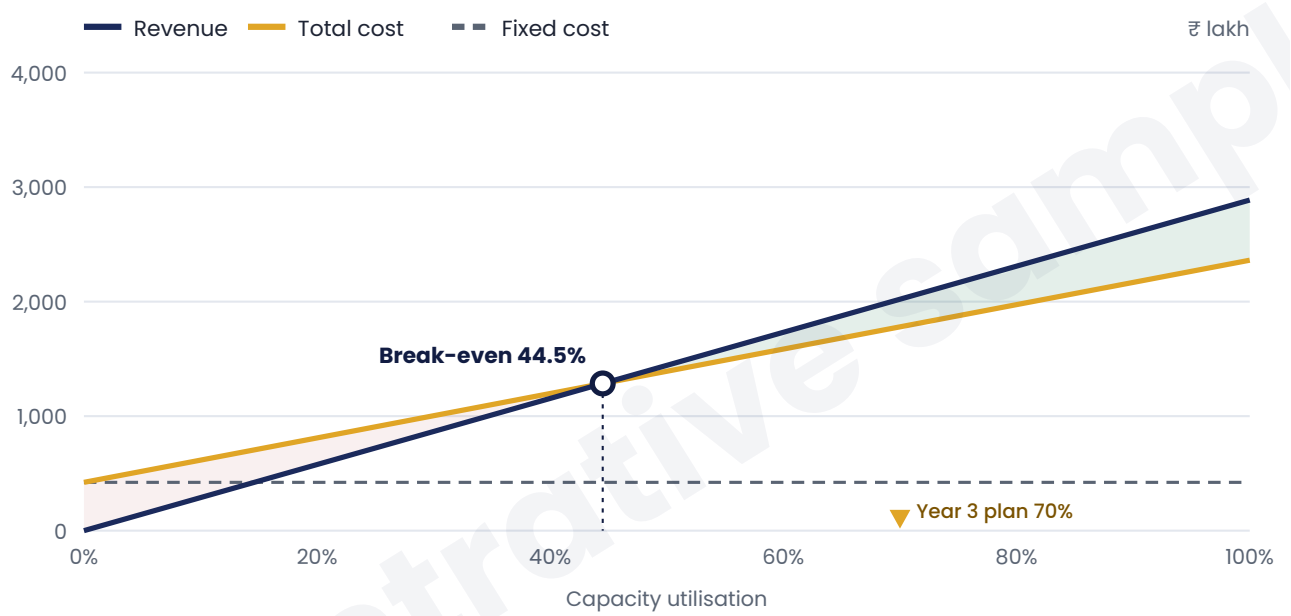
DSCR by year. A ratio above 1.00 means cash accruals cover the term loan instalments.

Illustrative sample

18 Break-even analysis

The break-even point in Year 3 is 44.5% 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 33.5%.

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
Revenue from operations	1,732.50	1,876.88	2,021.25	2,165.62	2,310.00
Variable costs	1,164.54	1,261.58	1,358.62	1,455.66	1,552.71
Contribution	**567.96**	**615.30**	**662.63**	**709.96**	**757.29**
Fixed costs (incl. depreciation and interest)	466.81	444.51	421.01	398.16	375.40
Break-even as % of installed capacity	49.3	47.0	44.5	42.1	39.7
Cash break-even as % of installed capacity	34.8	34.3	33.5	32.5	31.3
Break-even sales	1,423.95	1,355.91	1,284.23	1,214.52	1,145.10



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

The table summarises the main ratios a lender reviews. The current ratio is 1.71 or better in every year, and the debt-equity ratio falls from 2.31 at the end of Year 1 to zero by Year 5.

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	1.95	2.25	2.59	2.97
Quick ratio	1.23	1.45	1.72	2.03	2.39
Debt-equity ratio (term loan / net worth)	2.31	1.32	0.67	0.26	0.00
Total outside liabilities / net worth	3.11	1.91	1.11	0.59	0.26
Interest coverage ratio	1.88	2.72	4.00	6.26	11.67
DSCR	1.78	1.30	1.37	1.44	1.52
Gross profit margin (%)	27.9	28.2	28.4	28.5	28.7
Operating profit (EBITDA) margin (%)	20.4	20.8	21.1	21.3	21.5
Net profit margin (%)	4.4	6.8	9.0	10.8	12.4
Return on capital employed (%)	15.8	20.3	24.3	27.5	29.7
Break-even (% of installed capacity)	49.3	47.0	44.5	42.1	39.7

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 ₹35,000 per MT, excluding GST, held constant through the projection.
- Raw materials at 52% of sales, packing materials at 4.6%, power and fuel at 7.2%, and selling and distribution at 3.5%.
- 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

In summary, the sample project needs ₹1,193.25 lakh, breaks even at 44.5% of capacity in Year 3 and repays its term loan from its own cash flow, with a payback period of about 4.3 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 ₹894.94 lakh at 10.5% a year. Amounts in ₹ lakh.

No.	Month	Opening balance	Interest	Principal	Instalment	Closing balance
1	Apr 2027	894.94	7.83	–	7.83	894.94
2	May 2027	894.94	7.83	–	7.83	894.94
3	Jun 2027	894.94	7.83	–	7.83	894.94
4	Jul 2027	894.94	7.83	–	7.83	894.94
5	Aug 2027	894.94	7.83	–	7.83	894.94
6	Sep 2027	894.94	7.83	–	7.83	894.94
7	Oct 2027	894.94	7.83	13.04	20.87	881.90
8	Nov 2027	881.90	7.72	13.15	20.87	868.75
9	Dec 2027	868.75	7.60	13.26	20.87	855.49
10	Jan 2028	855.49	7.49	13.38	20.87	842.11
11	Feb 2028	842.11	7.37	13.50	20.87	828.61
12	Mar 2028	828.61	7.25	13.62	20.87	814.99
13	Apr 2028	814.99	7.13	13.74	20.87	801.26
14	May 2028	801.26	7.01	13.86	20.87	787.40
15	Jun 2028	787.40	6.89	13.98	20.87	773.43
16	Jul 2028	773.43	6.77	14.10	20.87	759.33
17	Aug 2028	759.33	6.64	14.22	20.87	745.10
18	Sep 2028	745.10	6.52	14.35	20.87	730.76
19	Oct 2028	730.76	6.39	14.47	20.87	716.28
20	Nov 2028	716.28	6.27	14.60	20.87	701.69
21	Dec 2028	701.69	6.14	14.73	20.87	686.96
22	Jan 2029	686.96	6.01	14.86	20.87	672.10
23	Feb 2029	672.10	5.88	14.99	20.87	657.12
24	Mar 2029	657.12	5.75	15.12	20.87	642.00
25	Apr 2029	642.00	5.62	15.25	20.87	626.75
26	May 2029	626.75	5.48	15.38	20.87	611.37
27	Jun 2029	611.37	5.35	15.52	20.87	595.85
28	Jul 2029	595.85	5.21	15.65	20.87	580.20
29	Aug 2029	580.20	5.08	15.79	20.87	564.41
30	Sep 2029	564.41	4.94	15.93	20.87	548.48
31	Oct 2029	548.48	4.80	16.07	20.87	532.41
32	Nov 2029	532.41	4.66	16.21	20.87	516.21
33	Dec 2029	516.21	4.52	16.35	20.87	499.86
34	Jan 2030	499.86	4.37	16.49	20.87	483.36
35	Feb 2030	483.36	4.23	16.64	20.87	466.73
36	Mar 2030	466.73	4.08	16.78	20.87	449.94
37	Apr 2030	449.94	3.94	16.93	20.87	433.01
38	May 2030	433.01	3.79	17.08	20.87	415.94
39	Jun 2030	415.94	3.64	17.23	20.87	398.71

Illustrative sample

No.	Month	Opening balance	Interest	Principal	Instalment	Closing balance
40	Jul 2030	398.71	3.49	17.38	20.87	381.33
41	Aug 2030	381.33	3.34	17.53	20.87	363.80
42	Sep 2030	363.80	3.18	17.68	20.87	346.12
43	Oct 2030	346.12	3.03	17.84	20.87	328.28
44	Nov 2030	328.28	2.87	17.99	20.87	310.29
45	Dec 2030	310.29	2.71	18.15	20.87	292.13
46	Jan 2031	292.13	2.56	18.31	20.87	273.82
47	Feb 2031	273.82	2.40	18.47	20.87	255.35
48	Mar 2031	255.35	2.23	18.63	20.87	236.72
49	Apr 2031	236.72	2.07	18.80	20.87	217.93
50	May 2031	217.93	1.91	18.96	20.87	198.97
51	Jun 2031	198.97	1.74	19.13	20.87	179.84
52	Jul 2031	179.84	1.57	19.29	20.87	160.55
53	Aug 2031	160.55	1.40	19.46	20.87	141.09
54	Sep 2031	141.09	1.23	19.63	20.87	121.45
55	Oct 2031	121.45	1.06	19.80	20.87	101.65
56	Nov 2031	101.65	0.89	19.98	20.87	81.67
57	Dec 2031	81.67	0.71	20.15	20.87	61.52
58	Jan 2032	61.52	0.54	20.33	20.87	41.19
59	Feb 2032	41.19	0.36	20.51	20.87	20.69
60	Mar 2032	20.69	0.18	20.69	20.87	–

Illustrative sample