



Alkyl Amines Chemicals Limited

A large industrial facility, likely a refinery or chemical plant, illuminated at night with numerous lights and tall distillation columns.

ALKYL AMINES CHEMICALS LTD

- ✦ ALIPHATIC AMINES
- ✦ MIXED AMINES
- ✦ AMINE DERIVATIVES
- ✦ SPECIALITY CHEMICALS





Alkyl Amines Chemicals Limited



Introduction

- The chemicals business can be grouped into petrochemicals, basic chemicals, specialties and performance chemicals in increasing degrees of value addition.
- Amines could be classified as Specialty Chemicals.



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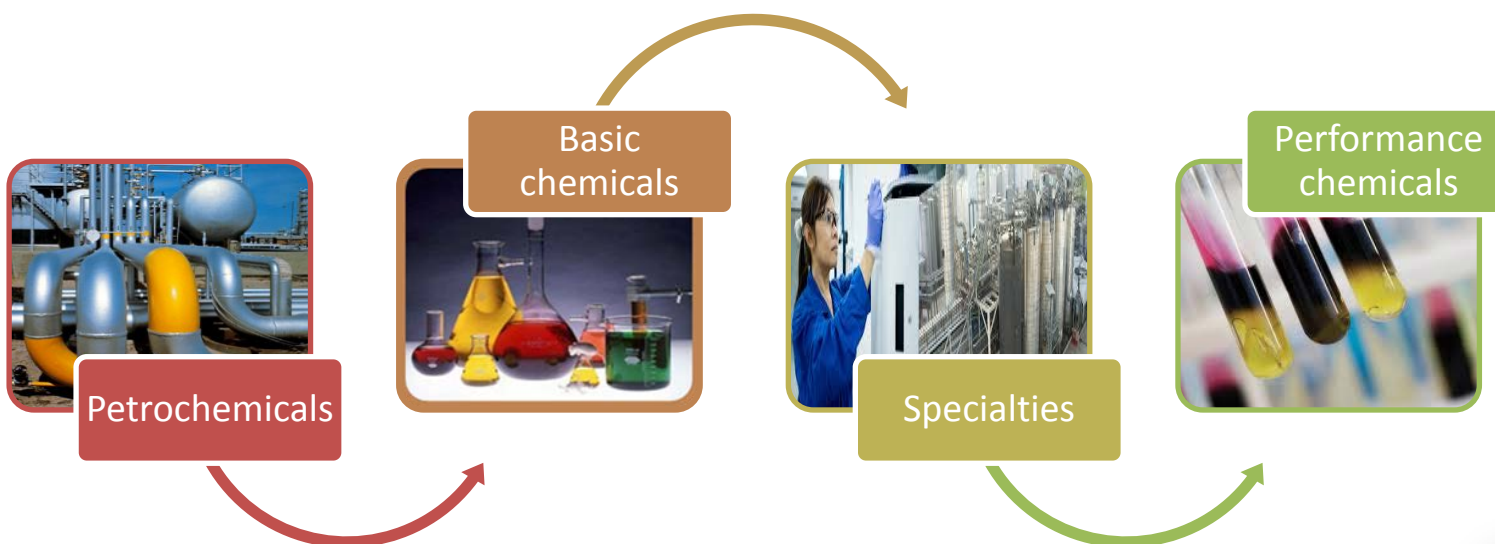


Alkyl Amines Chemicals Limited



Products and Markets

In the middle -Amines



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Products and Markets

What are AMINES?

Amines are products derived from Ammonia (NH_3) by displacement of H_2 in the Ammonia molecule by other radicals (R) such as Methyl, Ethylene and Propanol.

Structurally, three types of amines are formed – Primary/Secondary/Tertiary based on number of hydrogen atoms displaced.

Primary Amine	:	$\text{R} - \text{NH}_2$
Secondary Amine	:	$\text{R}_2 - \text{NH}$
Tertiary Amine	:	$\text{R}_3 - \text{N}$

The 'Nitrogen' in an amine has the property of 3 valences. This versatility allows the 'Amine' compound to shuttle between various phases and act as a carrier of the 'Active' compounds. This property finds varied applications.



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What are the categories of Amines?

The composition of the 'R' group in the amine structure defines the categories of the amines.

Aliphatic : Where 'R' is the alkyl group with 6 carbons or less. Examples are Methylamines, Ethylamine's etc.

Ethylene : Where 'R' is the 'Ethylene' group. Typically these amines have more than one 'NH₃' group and are also called 'Diamines'. Examples are Ethylene Diamine (EDA), Diethylene Triamine (DETA)

Alkanol : Where 'R' is the alkanol group. Examples are Ethanolamine's, Propanolamines.

Mixed / Complex : These are amines where more than one type of 'R' group combine with a 'Amine' group.

Examples : DimethylAminoPropylamine, DimethylEthylamine, Diethyl hydroxylamine, etc.



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Products and Markets

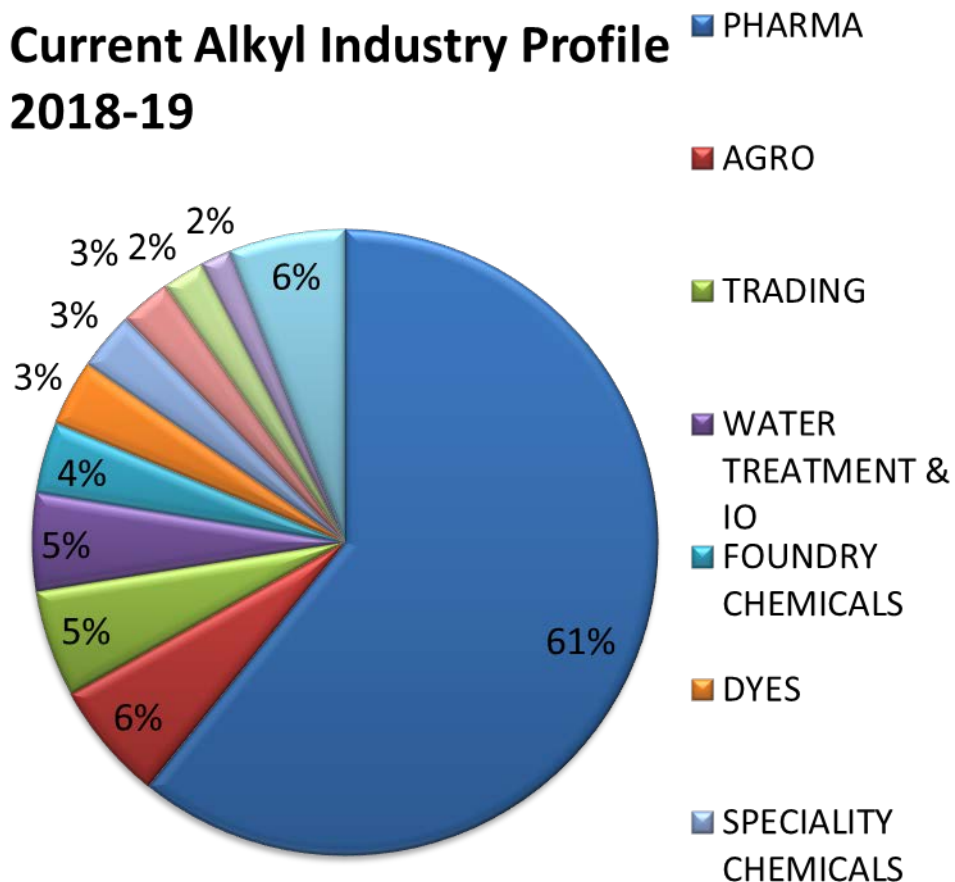
End Uses



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Current Alkyl Industry Profile 2018-19



Sector	Percentage
SOLVENTS	44%
PESTICIDES	15%
FEED ADDITIVES	8%
RUBBER	7%
WATER TREATMENT	7%
SURFACTANTS	5%
PAPER & TEXTILES	4%
PHARMA	4%
OTHERS	6%



Alkyl Amines Chemicals Limited



Introduction to Alkyl Amines Chemicals Ltd

- Alkyl Amines Chemicals Ltd (Alkyl) is a public limited listed company incorporated in 1979
- Listed on BSE & NSE .
- Alkyl is a global supplier of amines and amine-based chemicals to the pharmaceutical, agrochemical, rubber chemical & water treatment industries, among others .
- Over 35 years expertise in Amine technology .
- Alkyl has a significant stake in Di-amines and Chemicals Ltd., the only manufacturer of ethylene-amines in India .
- Number of people employees– 532.



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Alkyl's commitment to sustainability

- The Responsible Care initiative of the Indian Chemical Council aims to improve the compliances of its member companies to international standards in sustainability covering health, safety, environment, energy and community interactions.
- In 2014-15 we were awarded the Responsible Care certification to join a group of less than 50 companies in India.
- Alkyl has always emphasized its commitment to providing quality products, ensuring a low foot print on the environment and safety at work. We have been in the past awarded with the ISO 9000, 14000, 18000 and 50001.



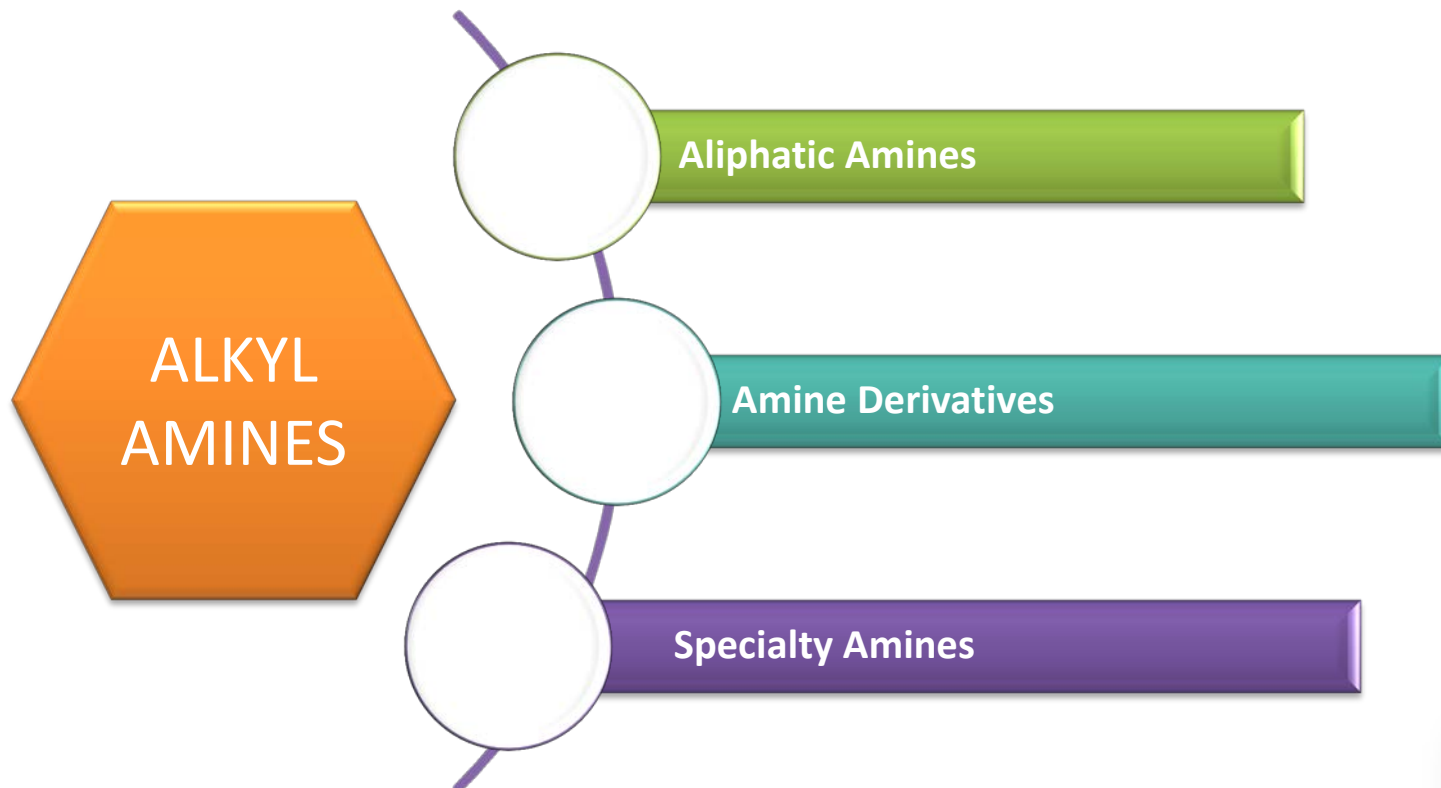
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Alkyl Amines Chemicals Limited



Alkyl's Product Range



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Alkyl Amines Chemicals Limited



Operations

Locations

1. Corporate office - Worli. Mumbai
2. Registered office - Vashi, Navi Mumbai
3. Nine Manufacturing plants at Kurkumbh, Pune,
4. Two Manufacturing plants at Patalganga, Raigad,
5. One Manufacturing plant at Dahej, Gujarat
6. R & D and Technology centre – Pune
7. Solar Power Plant , Bhoom , Osmanabad





Alkyl Amines Chemicals Limited



Management Team

Chairman and Managing Director

Yogesh M. Kothari

Executive Director (Operations)

Kirat Patel

Executive Director (Commercial)

Suneet Kothari

Non-Executive Directors

- Dilip Piramal
- Shyam B. Ghia
- Shoban Thakore
- Premal Kapadia
- Leja Hattiangadi
- Chandrashekhar R. Gupte



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Alkyl Amines Chemicals Limited



Strengths

- A wide palette of products (100+). Most developed in house.
- Global leader in Ethyl amines.
- One of the leading players globally in DEHA (Diethyl hydroxyl amine)
- One of the largest producers of DMA-HCL
- Leading producer of Acetonitrile with a unique process
- Globally leading manufacturer of various specialty amines
- Dominant Indian manufacturer of most of our product range
- Strong in commercialization of processes through in-house team
- Reputation as a reliable, ethical supplier.



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Alkyl Amines Chemicals Limited



Production

Alkyl has three manufacturing sites with twelve plants in western Maharashtra and Gujarat, covering approximately one hundred and fifteen acres.

- The Patalganga site of around ten acres is seventy five kilometers from Mumbai manufacture Higher Amines.
- The Kurkumbh site covering seventy acres is sixty kilometers from Pune. Ethyl amines, Amine Derivatives and Specialty Chemicals are manufactured here.
- The Dahej site covering thirty five acres is three hundred kilometers, north of Mumbai, manufacturing Methylamines.





Alkyl Amines Chemicals Limited



Manufacturing Strengths

❖ **Reactions :**

- Reductive Amination
- Hydrogenation
- Cyanoethylation
- Oxidation
- Amidation

❖ **Distillations**

- Pressure / Atmospheric / Vacuum
- Fractional / Azeotropic
- Continuous /Batch.

❖ **Powder making facilities**

❖ **Multi purpose plants.**



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Certifications

➤ Integrated Management System Certification.

ISO 9001 - Quality Management System

ISO 14001 - Environmental Management System

ISO 18001 - Occupational Health & Safety Management System

ISO 50001 - Energy Management



➤ Responsible care Certification .



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➤ Rating by CRISIL :

Long Term : A+/Stable

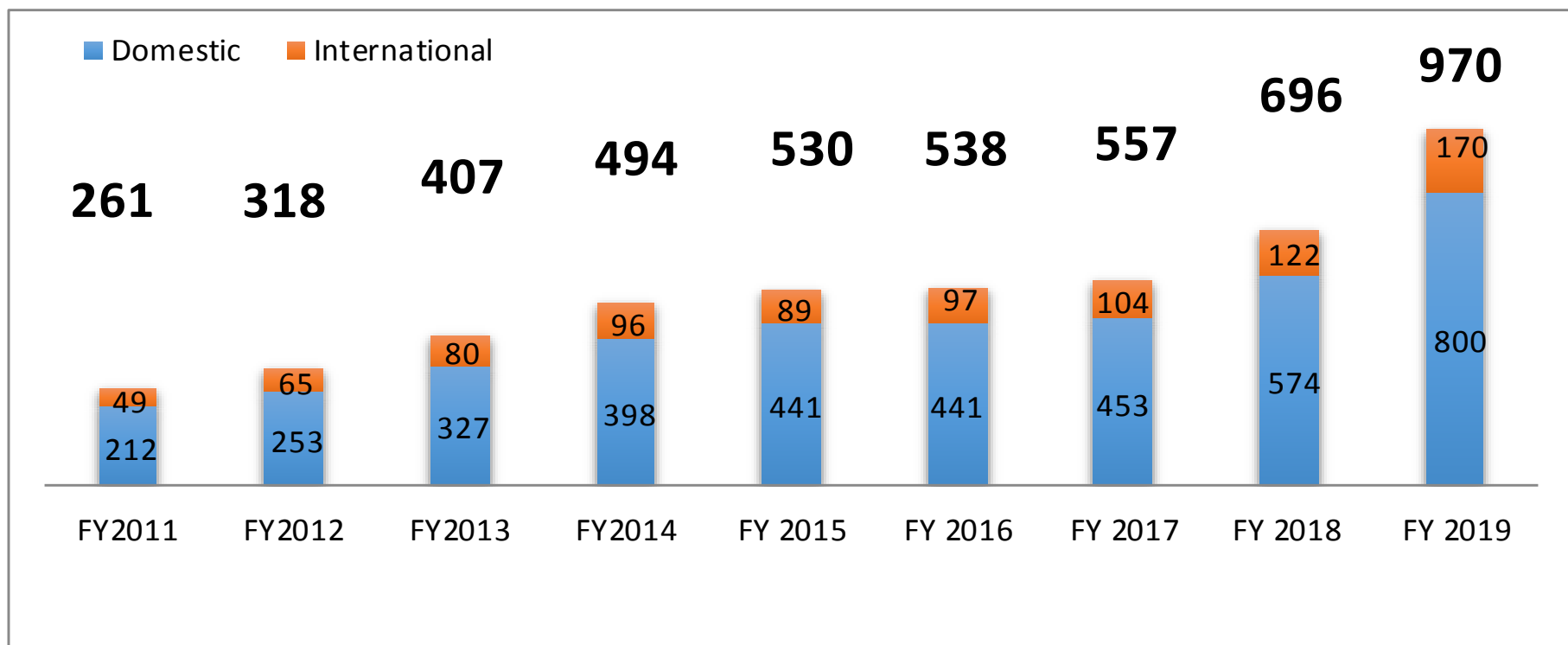
Short Term : A1



Alkyl Amines Chemicals Limited



Gross Revenue (Rs. Crores)



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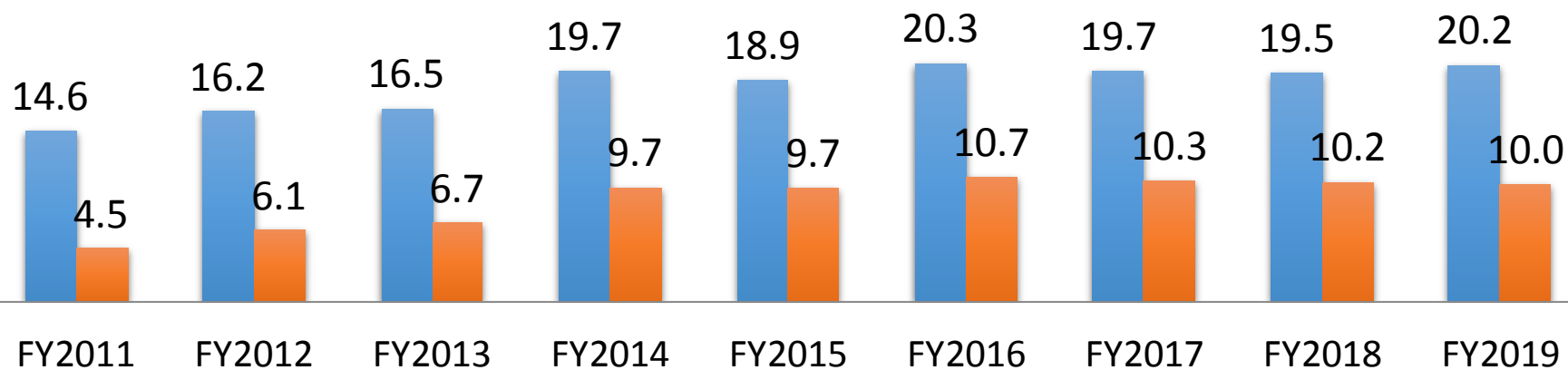


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EBIDTA/PAT

■ EBIDTA% of Net Sales ■ PAT% of Net Sales



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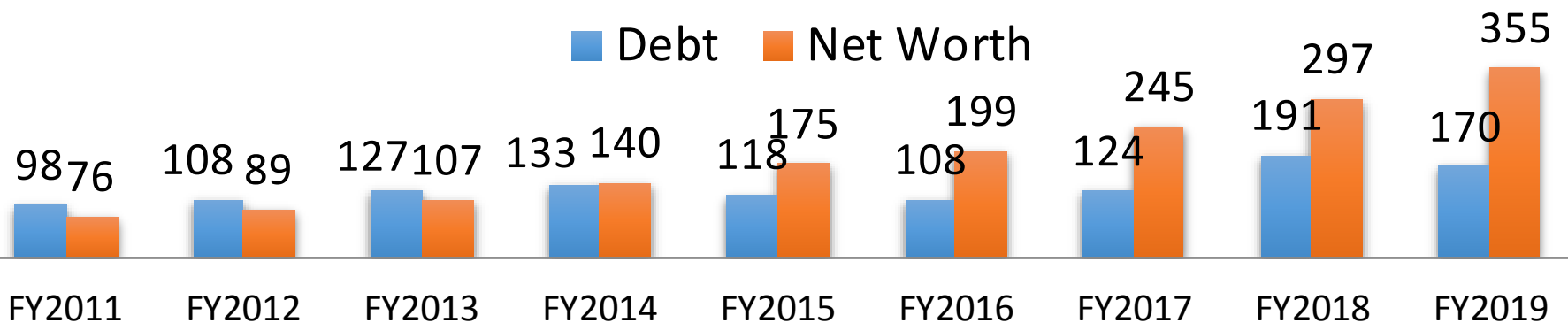


Alkyl Amines Chemicals Limited



Capital Employed (Rs. Crores)

■ Debt ■ Net Worth

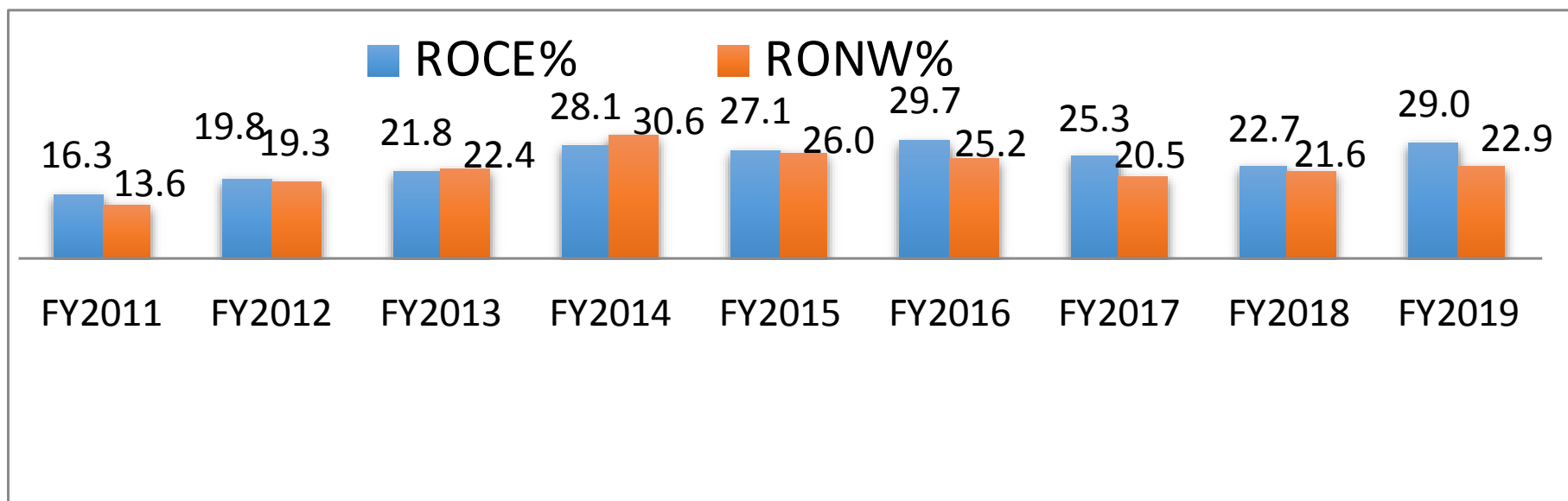




Alkyl Amines Chemicals Limited



ROCE/RONW - Annualized





Alkyl Amines Chemicals Limited



Yearly Financials

(Rs. In Lakhs)

Particulars	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
1. Income from Operations							
a. Net Sales/Income from Operations (Net of Excise Duty/GST)	35,897	44,029	46,798	47,261	48,862	60,500	83,222
b. Other Operating Income	823	786	1,024	1,340	1,308	1,433	1,813
Total Income from Operations (Net)	36,720	44,815	47,822	48,601	50,170	61,933	85,035
2. Expenses							
a. Cost of Materials Consumed	20,028	24,051	25,915	25,193	26,329	33,424	46,046
c. Employee Benefits Expense	2,088	2,591	3,118	3,402	3,724	4,199	5,278
d. Other Expenses (Net)	8,714	9,512	9,940	10,395	10,490	12,351	16,881
e. Depreciation	1,003	974	1,135	1,289	1,429	1,567	2,334
f. Finance costs	1,294	1,224	1,023	1,004	805	815	1,477
Total Expenses	33,128	38,353	41,131	41,283	42,777	52,356	72,015
3. Profit/(Loss) before Tax	3,593	6,462	6,691	7,319	7,393	9,577	13,019
4. Tax Expense	1,200	2,174	2,149	2,287	2,357	3,148	4,645
5. Net Profit / (Loss) after Tax	2,393	4,288	4,542	5,031	5,036	6,429	8,374



Alkyl Amines Chemicals Limited



Quarterly Financials for the year 2018-19 and 2019-20

(Rs. In Lakhs)

Particulars	Q1 19-20	Q2 19-20	Q3 19-20	Q4 18-19	Q3 18-19	Q2 18-19
1. Income from Operations						
a. Net Sales/Income from Operations (net of GST)	26,623	23,497	25,691	23,745	21,267	21,814
b. Other Operating Income	133	89	217	161	273	81
Total Income from Operations (net)	26,756	23,586	25,908	23,906	21,540	21,895
2. Expenses						
a. Cost of Materials Consumed	14,711	11,486	11,461	14,172	11,571	11,318
c. Employee Benefits Expense	1,669	1,696	1,904	1,265	1,354	1,398
d. Other Expenses (net)	4,328	4,544	5,068	4,471	4,484	4,173
e. Depreciation and Amortization	640	651	680	646	570	562
f. Finance costs	363	259	213	332	363	388
Total Expenses	21,711	18,636	19,327	20,886	18,342	17,839
3. Profit/(Loss) before Tax	5,045	4,950	3,020	3,020	3,198	4,055
4. Exceptional Items(#)	0	0	3,284	0	0	0
5. Tax Expense	1,536	-439	2,156	1,265	987	1,413
6. Net Profit / (Loss) after tax	3,509	5,389	7,709	1,755	2,211	2,642

* All PAT is calculated before considering Other Comprehensive Income as per Ind AS

In Q3 19-20, Profit on sale of Investment in DACL Rs.3,284 is shown as Exceptional item

THANK YOU



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