

June 24, 2016

Bombay Stock Exchange Limited The Corporate Relationship Dept. P.J. Towers, Dalal Street, Mumbai – 400 001

BSE Company Code: 500214

Dear Sir/ Madam,

Sub: Submission of Analyst / Investor Presentation

With reference to our letters dated 20th & 21st June, 2016 and pursuant to Regulation 30(6) read with Part A of Schedule III of the SEBI (Listing Obligation and Disclosure Requirements) Regulations, 2015, please find enclosed presentation being made to Analyst / Institutional Investor.

Kindly take the information on record.

Thanking You,

Yours faithfully, For Ion Exchange (India) Limited

Milind Puranik Company Secretary





OUR VISION





To be the leader in our business which is so vital to people's lives and the environment





EXECUTIVE SUMMARY



OVERVIEW

- Ion Exchange (India) Ltd (Ion Exchange), formed in 1964, is a pioneer in water, waste water treatment & environment solutions and caters to various industries, homes & communities.
- Headquartered in Mumbai, the company has six manufacturing & assembly facilities across India, and one each in Bangladesh and UAE. It also has presence across other key geographies.
- Installation: 1 lakh globally; 500+ in core sectors.

BUSINESS & REVENUE (%) MIX

- Engineering (56%) Provides comprehensive and integrated services and solutions in water & waste water treatment including Sea Water desalination, Recycle and Zero liquid discharge plants to diverse industries.
- Chemicals (34%) Provides a comprehensive range of resins, speciality chemicals and customized chemical treatment programmes for water, non-water and specialty applications.
- Consumer Products (10%) Caters to individuals, hotels, spas, educational institutions, hospitals, laboratories, railway and defence establishments providing safe drinking water and a clean environment.

MARQUEE CLIENTS

- Industrial NTPC,NPC, Reliance, IOCL, JSW, CPCL, L&T, Essar group, IRCTC, BHEL, Tata Group,
- Institutional Leela, Military Engineering Services, Taj Hotels, Holiday Inn, Hyatt Regency, Oberoi Hotels, Apollo Hospitals, Escorts Heart Institute, DLF, Puravankar.
- International Cargill, Technip France, Unilever group, Jurong, Thyssenkrupp (Uhde), Jacobs, Kawasaki, Mitsubishi, PDO Oman, Emirates Steel, IKPP Indonesia

CONSOLIDATED FINANCIALS (FY16)

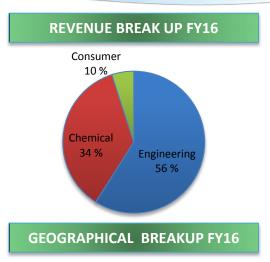
- Total Income INR 8,760 Mn
- **EBITDA** INR 622 Mn
- PAT INR 153Mn

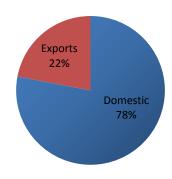


COMPANY OVERVIEW



- Ion Exchange was originally formed as a subsidiary of Permutit, UK in 1964. It became a wholly owned Indian company in 1985. The company is currently celebrating its 51st Year of operations.
- The company has expanded its footprints globally and possesses a diversified product range. It offers one stop water and non-water treatment solutions catering to diverse segments like infrastructure, industry, institutions, municipal, homes and communities, urban and rural.
- The company offers a wide range of solutions across the water cycle from pretreatment to process water treatment, waste water treatment, recycle, zero liquid discharge, sewage treatment, packaged Drinking water, Sea Water desalination etc.
- The company is also engaged in manufacturing ion exchange resins, speciality chemicals for water and waste water treatment as well as non-water applications.
- It has two facilities for In-house R&D and two applications and testing centers.
- The company has over 50 patents to their credit and 100+ products commercialized.
- The company has a global presence apart from presence in major cities in India with sales & service centers and dealer network of more than 100.
- The company exports to Africa, Japan, Middle East, Russia, South East Asia, Europe, UK, USA, Canada and neighbouring countries.





KEY MANAGEMENT PERSONNEL





MANAGEMENT TEAM

- Aankur Patni
 Executive Director
- Dinesh Sharma
 Executive Director
- Ajay A. Popat
 President Corporate
 Diversification & Marketing
- N. M. Ranadive
 Executive VP Finance
- Dinesh Sadasivan
 Executive VP Standard
 Systems, CSD & services
- S. V. Mehendale
 Executive VP Resins &
 Membranes
- S. N. Iyengar
 Executive VP Medium Industry

- Anil Khera
 Executive VP- Chemical
- Vasant Naik
 Sr VP Finance
- Prashant K. Chitnis
 Sr. VP Technology
- J. P. Pathare
 Sr VP- International Division
- C. K. Sandeep
 Sr VP Environment

KEY MILESTONES



1964

Incorporated as 60% subsidiary of Permutit Co., U.K.

Resin Production and equipment facility starts at Ambernath

1977 Listed on BSE 1978

First company to launch RO concept in India

1979

Resin manufacturing plant set-up at Ankleshwar

1982

Engineering and fabrication setup started at Hosur

1983

Industrial Chemical Production started at Patancheru

1986

Zero-B Launched with Suraksha tap attachment

1987

Started manufacturing RO membranes at Halol

1996

First sea water RO desalination plant in India at GEB, Sikka

1998

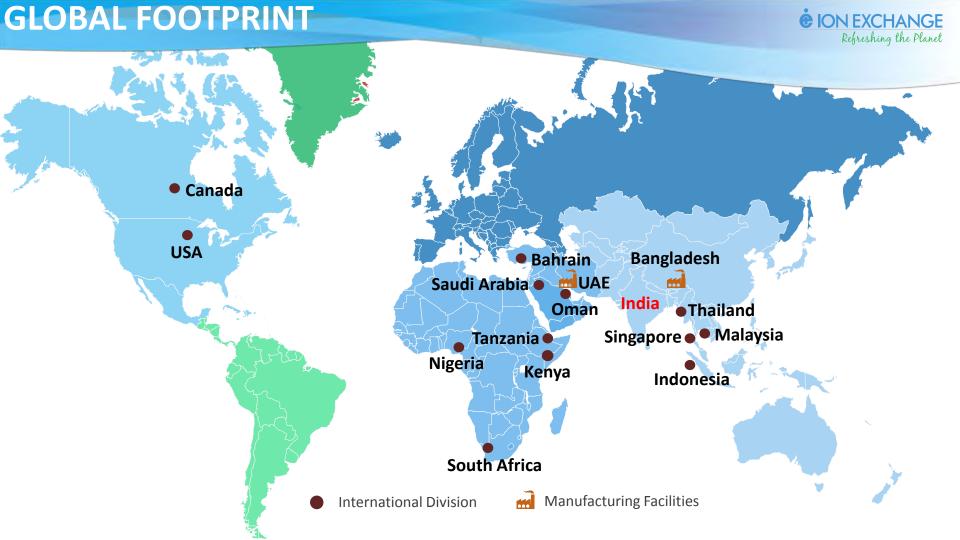
Consumer products manufacturing started at Goa

2010

Commissioned largest RO based water desalination plant

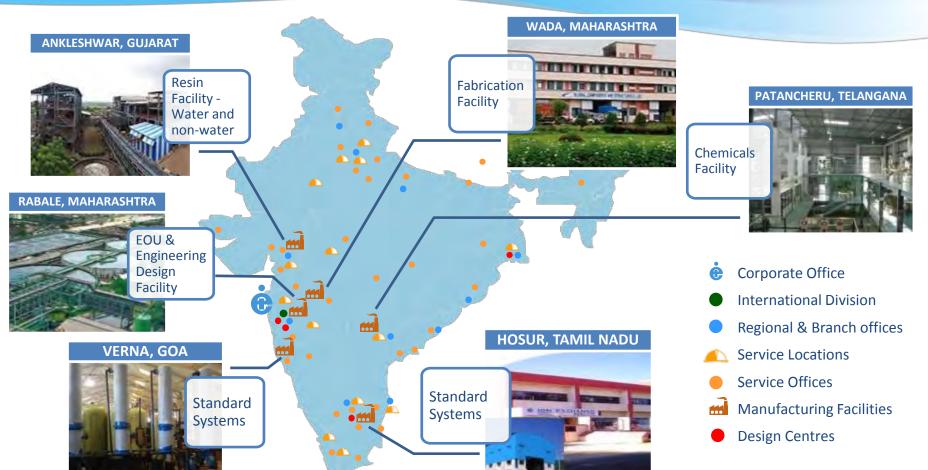
2015

Contract for Water supply project worth US\$194 mn signed with Sri Lanka Water Board



DOMESTIC FOOTPRINT





RESEARCH AND DEVELOPMENT



- Strong focus on R&D
- Well established in-house R&D department since 1965
- Recognized by Department of Scientific and Industrial Research (DSIR), New Delhi
 - For Chemicals at Patancheru, Telangana
 - For Engineered Products & Systems at Vashi, Maharashtra
- Product application and testing centers with numerous patents to their credit
 - Over 50 patents
 - Over 100 products launched







AWARDS & ACCOLADES





KEY STRENGTHS



Design, Engineering and supply of water, waste water treatment and recycle plants on turnkey, BOT and EPC basis.

Comprehensive 24/7 support ensures continuity.

Manufacturer of chemicals and ion exchange resins in ISO9001, 14001 and OHSAS 18001 certified facilities.



Largest one stop shop water solution's provider in Asia.

Global footprint with exports to several African, European and Middle East countries as well as to UK and USA.

50 years of pan India presence.

FUTURE STRATEGY



Engineering

- Increased exposure to international markets
- Selectively target Infrastructure and Municipal projects
- Increased application coverage of resin and membrane technologies
- New Government initiatives resulting in more opportunities

Chemicals

- Export of resins and development of new products for the US & Europe markets.
- Resins for pharmaceutical industry.
- Introduction of new specialty chemicals.
- Continued Investment in R&D and value

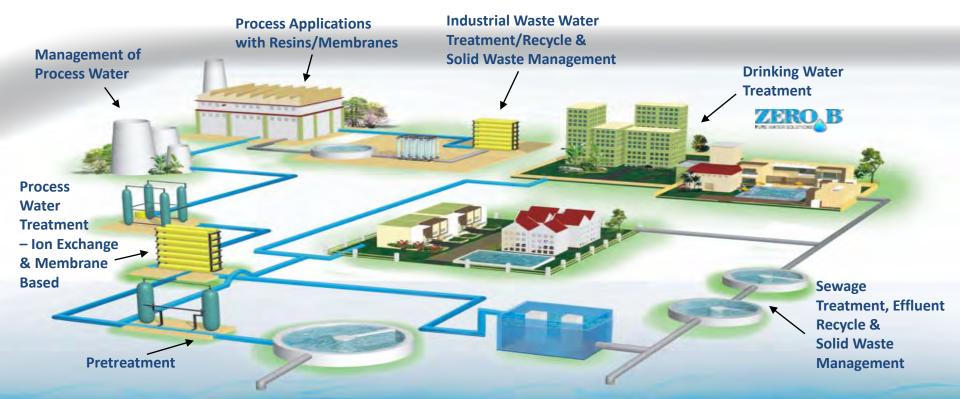
Consumer Products

- Initiation by the government to improve infrastructure.
- Introduction of surface water treatment solutions
 In association with PHEDs
 & State Rural Water
 Supply Departments.
- Focus on expansion of ground water treatment solutions.



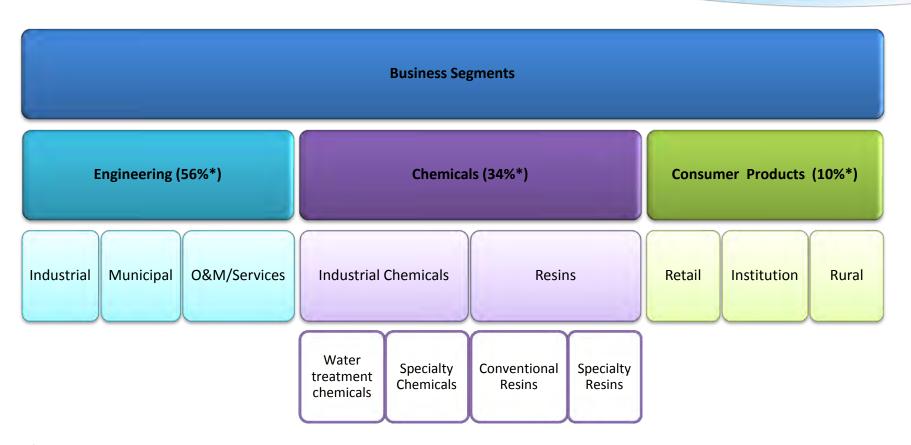


Ion Exchange (India) Ltd, formed in 1964, is a pioneer in water, waste water treatment & environment solutions and caters to various industries, homes & communities



BUSINESS SEGMENTS





^{*} FY16 Revenue breakup

WORK-FLOW PROCESS

Equipment

Resins



Water Recycling and Zero Pre-treatment **Post-Treatment** Liquid Discharge (ZLD) **Waste Water Treatment** Water Treatment Aerobic Process Membrane Process Disinfection Ion Exchange Condensate • Ultra-Filtration (Chlorinators) Activated Sludge Demineralizers • Electro-de-ionzers **Process** Coagulation • Reverse Osmosis Softeners Flocculation Boiler & Cooling • MBR De-alkalisers • MBBR Clarification • SBR • Multi Effect Filtration Membrane Disinfection **Processes** (Ozonators/ Anaerobic Ultra-Filtration • UASB • Reverse Osmosis Nano-Filtration

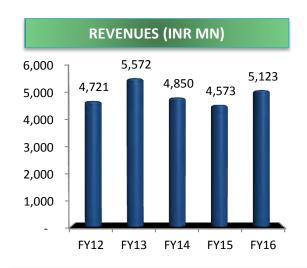
Membranes

Chemicals

ENGINEERING



- The Company designs, engineers, manufactures and sells medium and large size equipment for water and waste water treatment plants including recycling & Zero liquid discharge plants
- Extensive technologies, process design & detailed engineering experience and project management capabilities are integrated into advanced solutions for industrial and municipal applications.
- These are offered as standard and pre-engineered plants as well as customized, design & build projects undertaken on turnkey, BOOT or EPC basis.
- Exercise of rigid controls and stringent quality assurance systems at every stage of design, engineering and execution ensures absolute reliability and commissioning.
- The Engineering segment caters to industrial, municipal and institutional segment and also includes O&M Services
- It caters to diverse industries like Petrochemical & Refinery, Power, Steel, auto, Sugar, Electronics, Pharma, Pulp & Paper, Textile, Cement, F&B etc.



ENGINEERING SEGMENTS

INDUSTRIAL

O&M & SERVICES

APPROXIMATE ORDER BOOK & PIPELINE:

Engineering projects: INR 7,000 Mn

Bid Pipeline: INR 35,000 Mn

ENGINEERING - INDUSTRIAL



PROJECTS:

- Ion Exchange integrates extensive process technologies and design, engineering & project management expertise into design & build projects, on turnkey, BOO/T or EPC basis. Specially formed teams manage and support each and every stage of project implementation.
- Projects cater to treatment needs of industries such as nuclear and thermal power, fertilizer, refinery, petrochemical, automobile, electronics, paper, textile and chemical.

STANDARD SYSTEMS:

- Packaged and pre-engineered range softeners, filters, demineralizers and reverse osmosis systems, Ultra-filtration plants are engineered to meet the exacting process water quality requirements of different industries. These high performance, pretested and skid-mounted fast track delivery systems are quick to commission, and easy to use and maintain.
- For example, specifically for the pharma industry, the company has a completely integrated package for purified / WFI water generation and distribution.

MEMBRANES:

- In 1978, Ion Exchange pioneered and promoted the application of reverse osmosis concept in India and it now manufactures its own Membrane Elements and Pressure tubes.
- Reverse osmosis: Industrial and domestic applications brackish, Sea & process water and waste water treatment/recycle, and drinking water systems.



Demineralization Plant for thermal power station



CLIENTELE- INDUSTRIAL & INSTITUTION







Food & Beverages















Hospitals



PURAVANKARA

Real Estate

ENGINEERING - O&M AND SERVICES



Ion Exchange's O&M and services provides single-source responsibility, saves customers expense, manpower, supervision and the hassle of maintaining facilities in-house

O&M CONTRACTS

- Annual Maintenance: Water & waste water equipment for efficient performance and zero downtime, scheduled inspection visits and scheduled maintenance & services.
- A comprehensive service contract where Ion Exchange takes complete responsibility for supply of treated water in required quantity and quality at the customer's place.
- Boiler & Cooling Water Treatment Programs
- Consultancy & Surveys

SERVICES:

It has a network of more than 1500 trained service and plant management personnel for operation, maintenance & services

RANGE OF SERVICES INCLUDES

- Water Management Surveys
- Feasibility & Pilot Plant Studies
- Erection & Commissioning
- BOO/T Projects
- Operation & Maintenance
- Operator Training
- Servicing
- Supply of Fabricated Components & Consumables









ENGINEERING INDUSTRY OVERVIEW



Market Potential

- Industrial sector is witnessed to be growing at a CAGR of 5-7% while waste water treatment projected CAGR is 8-10% alone through 2015-2020.
- Central Pollution Control Board study reveals that 62,000 MLD of sewage is generated across urban India and there are 816 STP installed that can treat 23,277 MLD or just 37.5% of sewage per day.

Industrial Requirement

- Only 60% of industrial waste water is treated. Performance of state owned STPs are not complying with prescribed standards.
- Around 40% of STPs do not conform to environment protection standards. The increasing government regulations on polluted water discharge are driving the demand for water and wastewater treatment chemicals in India.

Engineering Industry Overview

Make In India

- The Government's 'Make in India' programme is expected to generate new opportunities for the company as Power, Cement, Steel, Petroleum & Refineries industry gain traction.
- About 80% of water supplied (especially in urban areas) becomes wastewater of which only 30% is being treated

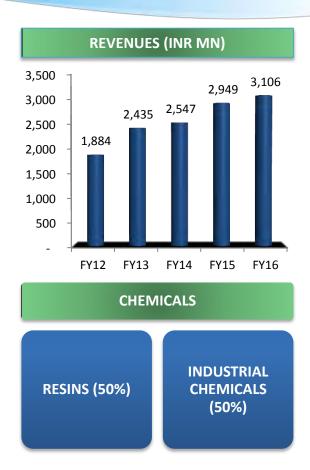
Swachh Bharat Abhiyan

- Namami Gange", the Clean Ganga Initiative, to create significant opportunities.
- Cities and towns are finding it difficult to manage and treat the huge quantities of waste generated on a daily basis. This will lead to an increased demand for standard systems.

CHEMICALS



- The company is engaged in manufacturing water treatment chemicals, ion exchange resins and other specialty chemicals
- Water treatment chemicals are used in boiler, cooling water treatment, coagulation and flocculation, membrane cleaning etc. Package treatment programmes are tailor made to suit customer needs.
- Ion exchange resins are used for softening, demineralization in water treatment. They are also used in various non water separation across many verticals such as pharmaceuticals, biotechnology, food and beverages etc.
- Specialty Chemicals include performance chemicals used in processing of Paper, Sugar, Pharma and Refinery segment.



WATER TREATMENT & SPECIALITY CHEMICALS



- The company manufactures Water Treatment & Specialty Chemicals in a modern ISO 9001, 14001 and OHSAS 18001 certified manufacturing facility.
- Ion Exchange is known for their tailor made treatment programmes coupled with continuous developments of newer formulations to satisfy diverse customer needs and backed by a strong service team.

The Company has a range of products covering the complete spectrum of customer needs in various sectors like refineries, steel, power, textile, chemical, etc which includes:

- Water Treatment Chemicals
- Coagulants and Flocculants
- RO and Thermal desalination Chemicals
- Fuel & Fireside additives
- Process Chemicals Sugar, Paper, Ceramics, Refinery and Mining application
- Water quality testing kits

CHEMICALS - RESINS



Resins are backed by innovation, quality and service, sustained R&D, and state-of-theart ISO 9001 and 14001 certified manufacturing facilities. They also have FDA approved pharma grade resin facility.

Ion Exchange offers products under the registered trademark of INDION RESINS which include the following:

- Complete range of cation and anion resins for water and waste water treatment, purification of bio-diesel, sugar, food and beverages & host of speciality applications – pharmaceutical excipients, catalysts, nuclear grade resins, brine softening, heavy metal removal and adsorbent grade resins
- Resins for removal of colour, odour, organics, nitrate, iron, fluoride, arsenic and tannin
- Tailor-made resins developed to suit specific applications which has over 30 patents to their credit, over ten of these on ion exchange resin products and processes.



Specialty Resins for Decolorizing

Industrial Water Treatment
Potable Water
Nuclear
Hydrometallurgy
Food & Beverage



Sugar
Chemical & Special Processes
Bio-Diesel
Pharmaceutical
Refinery Processes

CHEMICALS INDUSTRY OVERVIEW



Market Potential

- The market for India water and waste water treatment chemicals will expand leaps and bounds due to focus optimum utilization of water resources.
- The India Industrial water and waste water treatment chemicals market is expected to hit more than USD 500 Mn by 2020
- The global ion exchange resins market size is projected to grow at a CAGR of 5-6%.

Chemicals Industry Overview

Industrial Application

- In Industrial application of water treatment chemicals market, 29% of the revenue is contributed by corrosion & scale inhibitors on account of its major application in all the industries.
- Flocculants and coagulants, biocides and disinfectants, pH adjusters are the largest revenue contributor in the municipal water and wastewater treatment chemicals market in India and are expected to dominate sector.

Growth Potential

- The growth in the sector is attributed to the growing investments of MNCs, urbanization and Government in sewage treatment plants.
- Chemical business is expected to grow at an average rate of around 13-15% with a healthy bottom line.
- Target industries include Oil & Gas, Power, Chemicals & Fertlisers, F&B, Paper, Textile, Auto and Pharma

Source: Market Reports on India, EBTC, ValueNotes, Research & Markets, TechSci research, IEI

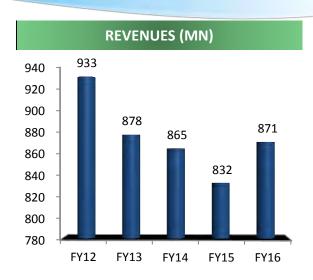
CONSUMER PRODUCTS

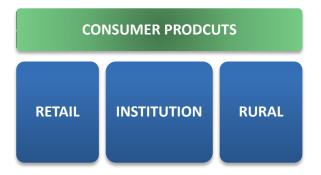


The company's water and environment management solutions extend beyond the industrial sector to homes, hotels, spas, educational institutions, hospitals, laboratories, realty sector and defence establishments providing safe drinking water and a clean environment. It focuses on household and point of use water purifiers and plans to increase its presence in the rural drinking water treatment.

Apart from systems for specific medical, laboratory and hospital water applications, typical requirements include:

- Water for drinking and use in kitchens and canteens
- Softened water for bathing and laundry
- Management of heating and cooling water circuits with speciality chemical treatment programmes
- Swimming pool water filtration and disinfection





CONSUMER PRODUCTS - RETAIL & COMMUNITY



- Ion Exchange (India) Ltd., is the pioneer of the revolutionary RO technology, in India. With its National & International presence, Zero B has emerged as one of the premier brand of the company in this segment. At Zero B, every product is crafted with meticulous attention to detail so that it provides ultimate protection against all water-borne diseases and ensures complete protection.
- Zero B has pioneered many path-breaking innovations in the field of technology to provide a one stop water treatment solution for home and the community.











STANDALONE INCOME STATEMENT



INCOME STATEMENT (INR MN)	FY13	FY14	FY15	FY16		
Total Income^	7,732	7,201	7,400	8,123		
Total Expenses	7,208	6,705	6,813	7,403		
EBITDA	524	496	587	720		
EBITDA Margin	6.8%	6.9%	7.9%	8.9%		
Depreciation	79	84	98	100		
Finance Cost	120	98	109	106		
PBT	325	314	380	514		
Тах	110	109	119	169		
Profit After Tax	215	205	261	345		
PAT Margin	2.8%	2.8%	3.5%	4.2%		
EPS (Diluted)	14.56	14.08	17.61	23.2		

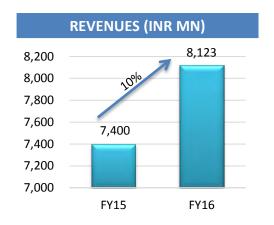
HISTORICAL STANDALONE BALANCE SHEET

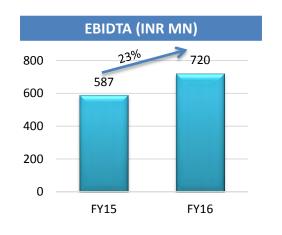


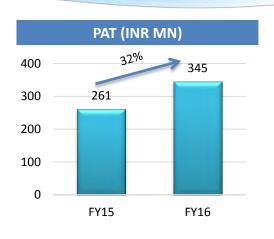
PARTICULARS	FY 15	FY16	PARTICULARS	FY15	FY16
EQUITIES & LIABILITIES			ASSETS		
Shareholder Funds			Non Current Assets		
(A) Share Capital	145	146	(A) Fixed Assets	750	823
(B) Reserves& Surplus	2,058	2,355	(B) Non-current investments	552	552
Total -Shareholder Funds	2,203	2,501	(C) Deferred tax assets (Net)	0	0
Non Current Liabilities			(D) Long term loans & advance	597	692
(A) Long Term Borrowings	102	155	(E) Trade receivables	66	57
(B) Deferred Tax Liabilities (Net)	46	43	(F) Other non-current assets	1	1
(C) Other Long Term liabilities	73	84	Total - Non – Current Assets	1,966	2,126
(D) Long Term provisions	108	119	Current Assets		
Total - Non – Current Liabilities	329	401	(A) Current Investments	1	0
Current Liabilities			(B) Inventories	453	598
(A) Short term Borrowings	357	410	(C) Trade Receivables	3,265	3,353
(B) Trade Payables	2,703	2,893	(D) Cash & Bank Balances	148	192
(C) Other Current Liabilities	565	595	(E) Short-term loans & advances	486	724
(D) Short-term provisions	164	198	(F) Other current assets	2	5
Total – Current Liabilities	3,789	4,096	Total – Current Assets	4,355	4,872
GRAND TOTAL - EQUITIES & LIABILITES	6,321	6,998	GRAND TOTAL – ASSETS	6,321	6,998

FINANCIALS - STANDALONE

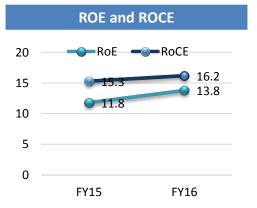


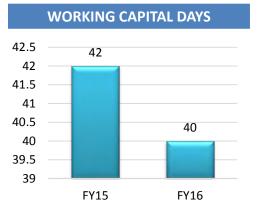












CONSOLIDATED INCOME STATEMENT



INCOME STATEMENT (INR MN)	FY13	FY14	FY15	FY16
Total Income^	8,620	7,978	8,048	8,760
Total Expenses	8,081	7,588	7,539	8,138
EBITDA	539	390	509	622
EBITDA Margin	6.3%	4.9%	6.3%	7.1%
Depreciation	123	106	121	126
Finance Cost	156	136	150	150
PBT	260	148	238	346
Tax	113	100	124	177
Profit After Tax	147	48	114	169
(+) Share of Profit / (Loss) in Associates	(1)	0	0	1
(-) Minority Interest	4	2	16	17
PAT after Minority Interest	142	46	98	153
PAT Margin	1.6%	0.6%	1.2%	1.7%
EPS (Diluted)	9.80	3.22	6.78	10.61

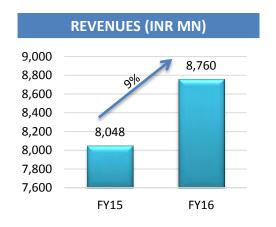
HISTORICAL CONSOLIDATED BALANCE SHEET

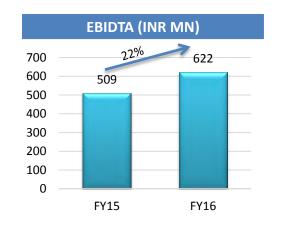


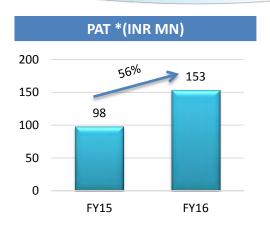
PARTICULARS (INR MN)	FY 15	FY 16	PARTICULARS (INR MN)	FY15	FY 16
EQUITIES & LIABILITIES			ASSETS		
Shareholder Funds			Non Current Assets		
(A) Share Capital	141	141	(A)Fixed Assets	989	1050
(B) Reserves& Surplus	1,420	1,560	(B) Non-current investments	24	24
Total -Shareholder Funds	1,561	1,701	(C) Deferred tax assets (Net)	8	8
Minority Interest	85	62	(D) Long term advance	476	543
Non Current Liabilities			(E) Trade receivables	262	263
(A) Long Term Borrowings	202	230	(F) Other non-current assets	1	0
(B) Deferred Tax Liabilities (Net)	47	44	Total - Non – Current Assets	1,760	1,888
(C) Other Long Term liabilities	110	128	Current Assets		
(D) Long Term provisions	116	129	(A) Current Investments	1	1
Total - Non – Current Liabilities	475	531	(B) Inventories	793	814
Current Liabilities			(C) Trade Receivables	3,582	3,630
(A) Short term Borrowings	567	567	(D) Cash and Bank Balances	262	334
(B) Trade Payables	3,162	3,314	(E) Short-term loans and advances	401	489
(C) Other Current Liabilities	783	781	(F) Other current assets	3	5
(D) Short-term provisions	169	205	Total – Current Assets	5,042	5,273
Total – Current Liabilities	4,681	4,867			
GRAND TOTAL - EQUITIES & LIABILITES	6,802	7,161	GRAND TOTAL – ASSETS	6,802	7,161

FINANCIALS - CONSOLIDATED

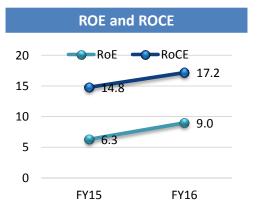


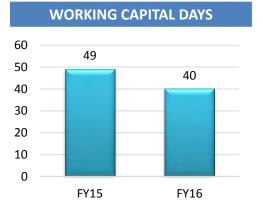








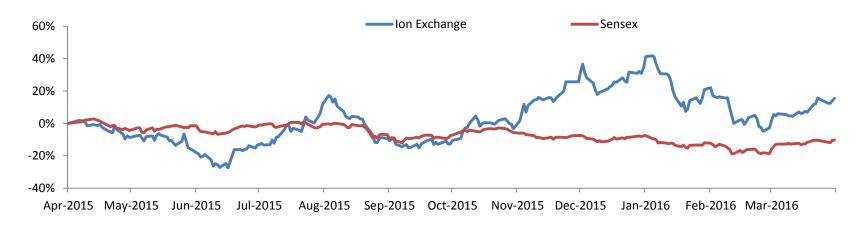




^{*}PAT after Minority Interest

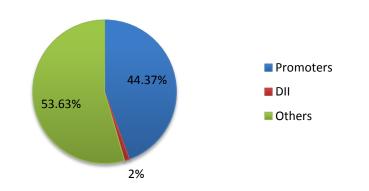
CAPITAL MARKET DATA





PRICE DATA (AS ON 31 st MARCH, 2016)				
Face value (INR)	10			
Market Price (INR)	309.2			
52 Week H/L (INR)	394.2/192.0			
Market Cap (INR Mn)	4501.1			
Equity Shares Outstanding (Mn)	14.56			
Market Cap (Mn)	4,501			
1 Year Avg. trading volume ('000)	9.45			

SHAREHOLDING PATTERN (AS ON 31ST MARCH, 2016)





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Ion Exchange (India) Limited

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For further details please contact our Investor Relations Representatives: VALOREM ADVISORS

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THANK YOU