

May 25, 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 letter dated May 24, 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





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

### **KEY MILESTONES**



#### 1964

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

1965

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

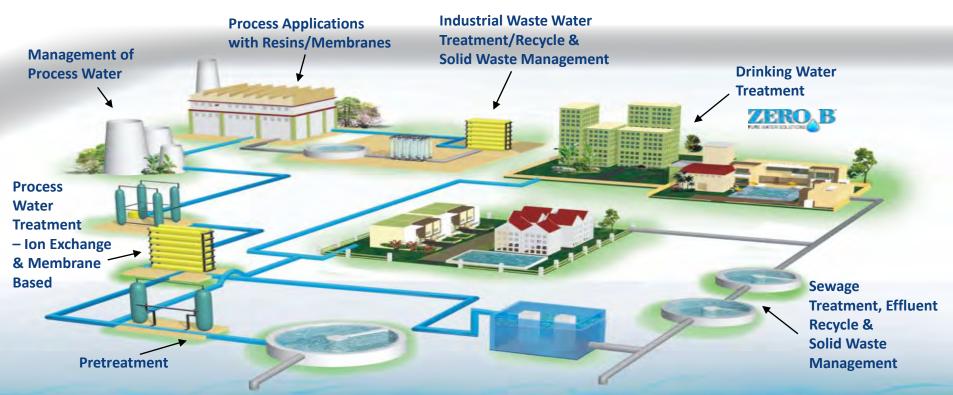
Commissioned largest RO based water desalination plant

#### 2015

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

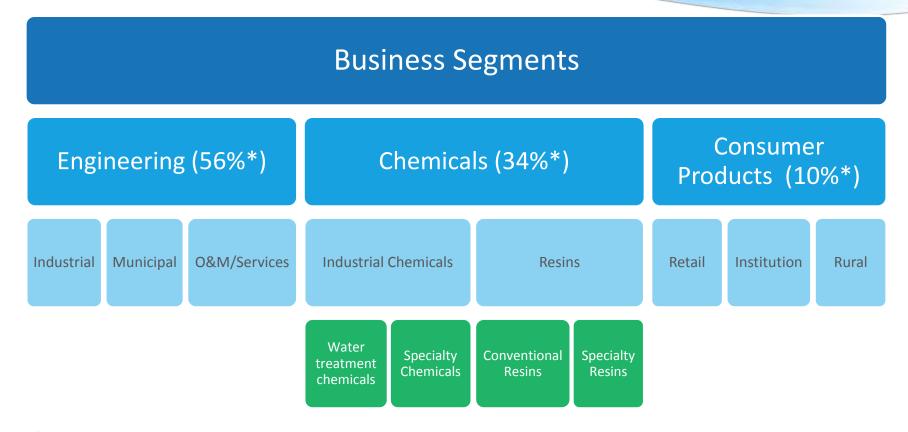


Ion Exchange (India) Ltd, formed in 1964, is a pioneer in water, waste water treatment & environment solutions and caters to various industries, homes & communities



# **BUSINESS SEGMENTS**





<sup>\*</sup> FY16 Revenue breakup

### **WORK-FLOW PROCESS**



#### Pre-treatment

Disinfection

Coagulation

Flocculation

Clarification

Filtration

(Chlorinators)

#### **Post-Treatment**

Water Recycling and Zero Liquid Discharge ( ZLD)

#### **Water Treatment**

### Ion Exchange

- Demineralizers
- Softeners

**Processes** 

De-alkalisers

### Membrane Processes

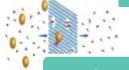
- Ultra-Filtration
- Reverse Osmosis
- Nano-Filtration



Resins

### Condensate **Polishing**

- Electro-deionzers
- Boiler & Cooling water
- treatment Disinfection
- (Ozonators/ chlorinators)



### **Aerobic Process**

 Activated Sludge Process

**Waste Water Treatment** 

- MBR
- MBBR
- SBR

### Anaerobic

• UASB

### Membrane Process

- Ultra-Filtration
- Reverse Osmosis

### ZLD

• Multi Effect **Evaporators** 

Equipment

Membranes

Chemicals

**Enzymes** 

### **KEY MANAGEMENT PERSONNEL**





- Joined in 1974.
- Experience in Sales, Marketing, International Business Management.
- More than 4 decades of experience in Water Treatment Industry.

### **MANAGEMENT TEAM**

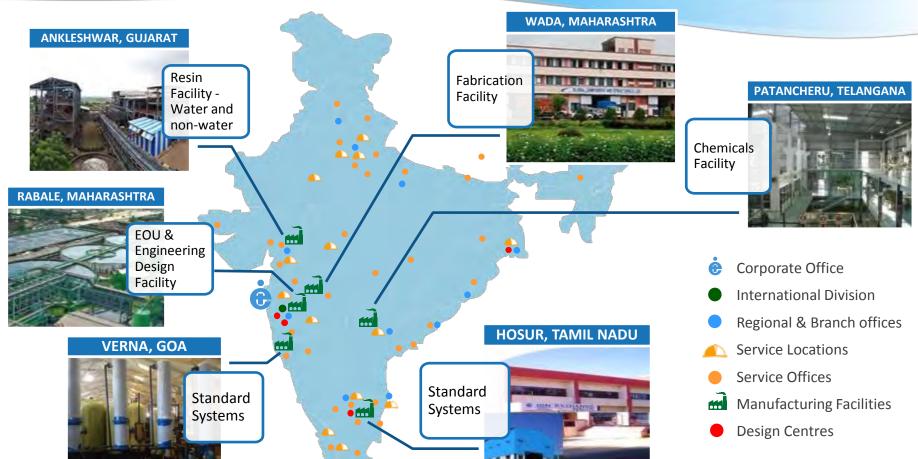
- **Aankur Patni Executive Director**
- **Dinesh Sharma Executive Director**
- Ajay A. Popat President – Corporate **Diversification & Marketing**
- N. M. Ranadive **Executive VP Finance**
- **Dinesh Sadasivan** Executive VP – Standard systems, CSD & services
- S. V. Mehendale Sr VP – Resins & Membranes

- Prashant K. Chitnis Sr. VP – Technology
- **Vasant Naik** Sr VP – Finance
- S. N. Iyengar Sr VP – Medium Industry
- **Anil Khera** Sr VP- Chemical
- J. P. Pathare Sr VP- International Division
- C. K. Sandeep Sr VP – Environment



# **DOMESTIC FOOTPRINT**





# **CLIENTELLE – INDUSTRIAL AND INSTITUTION**











#### **Automobiles**







### **Hospitals**





### **Petrochemicals**



IndianOil

**JACOBS** 



**ESSAR** 





### **Automobiles**









Cement

ACC

बी एच ई एन



### **Real Estate**

### **PURAVANKARA**



THE LEELA PALACES HOTELS RESORTS

#### **Chemicals**











### **Hotels**











Paper & Pulp



# **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.

# **AWARDS & ACCOLADES**





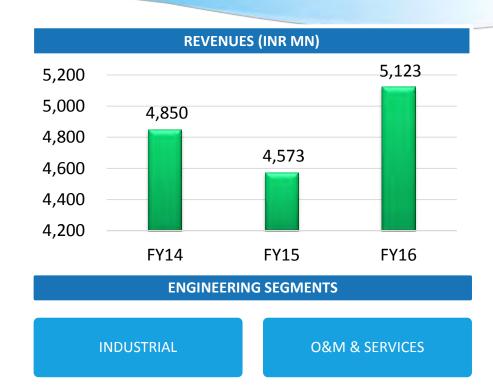




### **ENGINEERING**



- Designs, engineers, manufactures and sells equipment for water, waste water treatment.
- Integrated advanced solutions for industrial and municipal applications.
- Standard and pre-engineered plants as well as customized, design & build projects undertaken on turnkey, BOOT or EPC basis.
- Quality assurance at every stage of design, engineering and execution.
- Catering to industrial, municipal and institutional segment.



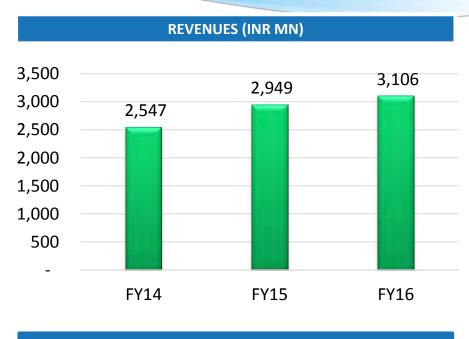
### APPROXIMATE ORDER BOOK & PIPELINE:

Large Size projects: INR 4,000 Mn Bid Pipeline: INR 35,000 Mn

### **CHEMICALS**



- Engaged in manufacturing water treatment chemicals, ion exchange resins and other specialty chemicals.
- Ion exchange resins are used for softening, demineralization in water and non-water treatments such as pharmaceuticals, biotechnology, food and beverages etc.
- Water Treatment Chemicals are used in boiler, cooling water treatment, coagulation and flocculation, membrane cleaning etc.
- **Specialty Chemicals** include performance chemicals used in processing of Paper, Sugar, Pharma and Refinery segments.



#### **CHEMICALS**

**RESINS (50%)** 

INDUSTRIAL CHEMICALS (50%)

# **CONSUMER PRODUCTS**



Zero B has emerged as one of the premier brands of the company in this segment with its National and International presence.

Solutions extend beyond the industrial sector to:

Homes

Hospitals

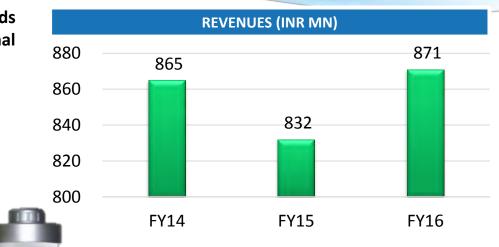
Hotels

Laboratories

Spas

- Realty sector
- Educational institutions
- Defence establishments





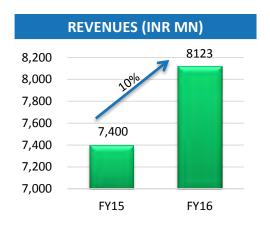


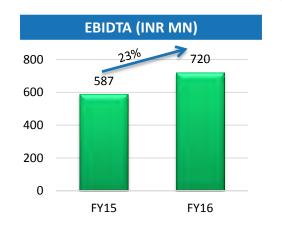


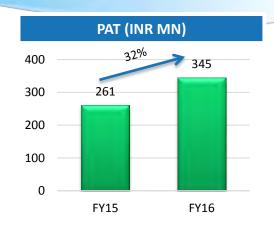


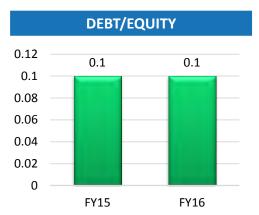
# **FINANCIALS - STANDALONE**

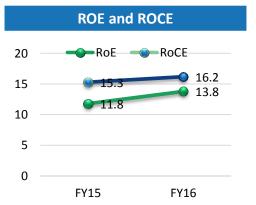


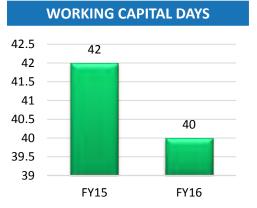






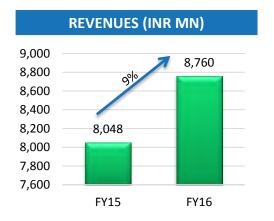


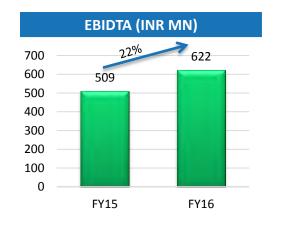


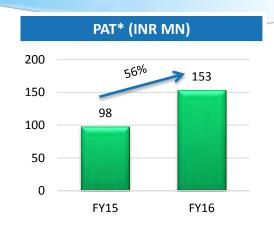


# **FINANCIALS - CONSOLIDATED**

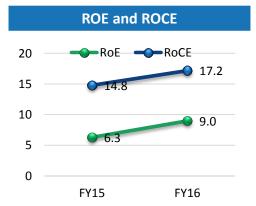


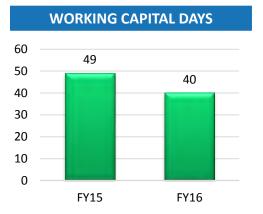












<sup>\*</sup> PAT after Minority Interest

### **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.

