

PRESS COVERAGE

***LAUNCH OF INDIA'S FIRST STATE-OF-THE-ART
INTEGRATED REVERSE OSMOSIS MEMBRANE
MANUFACTURING FACILITY, GOA***



INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Herald
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Headline	Looking to increase market share to 20%
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Looking to increase market share to 20%: Popat

One of the major players in the water and environment treatment space, Ion Exchange is considered a pioneer in that industry. The company also manufactures resins for water and non water specialty applications, membranes, water treatment chemicals and specialty process chemicals. Ajay Popat, president, Ion Exchange, who is on a visit to Goa met with AJIT JOHN and talked about the reason for his visit and the plans of the company.

HERALD: What brings you to Goa?

AJAY POPAT: The CM will be inaugurating a state of the art manufacturing unit which is a completely integrated and automated reverse osmosis membrane manufacturing unit. This will be the first of its kind and based on technology which is completely developed in-house. The plant was set up at a cost of Rs 50 crore and will have the capacity to produce the country's demand as well as meet the export obligations. We test marketed it internally and is

as good as anything available in the market.

HERALD: What is the state of the business today in terms of Ion Exchange?

AP: We are a Rs 1000 crore plus company and we are present in three segments, engineering, chemicals and services. In engineering we do EPC services for water treatment plants, but we do more of waste treatment and recycle, we are the largest producers of resin, 5th largest in the world, 50% is exported, chemicals we are the largest, and we maintain around 12,000 treatment plants in the country and abroad in our services business. 27% of our business comes from exports. We do Middle-East, South Asia and America. We will focus on this business because 50% of our business comes from USA and it goes to the OEM's who make softeners and they also require membranes which we can provide at a much cheaper rate.

HERALD: What is the percentage of penetration in the home



With Ajay Popat,
President, Ion Exchange.

segment in terms of water treatment systems?

AP: We are a very small player in that market. It is a Rs 4000 crore market. Eureka has around 65% of that market. All of us are struggling because no one makes money in this segment for a simple reason that there are no stan-

dards. People see four stage, six stage of purification and then make their decision. Now with membrane all of them will come to buy from us. In the consumer space we decided we will not go through retail, we went direct. Everyone is very price conscious, other were retailing at a maximum of Rs 5,000, we with our reverse osmosis system were retailing at Rs 20,000. We still follow direct and you will not see us in retail.

HERALD: The quality of water is deteriorating and there are no standards, what does one do?

AP: The penetration of these products in the country is 3% but it is a very difficult market to operate in the urban space it is 22 people out of 100 who have some purifier and not the right one, due to poor awareness, no standards. The rest of the people will boil the water. Awareness is now building.

HERALD: What is your take on the Goa market?

AP: Industrially only the clean industries set shop over here like

pharma which needs high purity water, electronics, beverage companies all use our systems. In this space we are competing with Thermax, we are not present in the home segment.

HERALD: What are the challenges of conducting this business in India?

AP: The only challenge is goods coming from China, which are cheaper and unscrupulous. There is no quality and no branding. We are not worried. As awareness increases, standards will improve. Then another hassle is competing with membrane producers when there is a bilateral trade. We have a bilateral trade agreement with Korea so for them there is no custom duty.

HERALD: What are your plans for the next five years?

AP: I look at 3 years not 5 years, and I would like to increase market to 18-20% and this plant should produce around Rs 100 crore and atleast 15 to 20% should be for exports. We have constructed all the Rainner plants

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Headline	Using domestic sewage plants to repurpose water
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Using domestic sewage plants to repurpose water

Mumbai Firm Helps Recycle Waste Water

TIMES NEWS NETWORK

Panaji: Given the deficient rainfall and depleting groundwater resources, efficient management of water is the need of the hour and according to the United Nations, waste-water recycling could be a part of the solution.

As government policies adapt to the impending water crisis, decentralised wastewater treatment plants could help municipal bodies, residential complexes and

MAKING A CHANGE

- Ion Exchange, which currently employs 250 people, has invested ₹50 crore to expand its base at the Verna industrial estate
- The company has a sewage recycling unit for an individual home which recycles domestic sewage
- This helps to cut down dependence on groundwater or government water supply

the United Nations World Water Development Report 2017 states that an estimated 80 to 90% of all waste water produced in the Asian region is released untreated.

Popat said, decentralized waste water plants can not only bring savings to a home, but can also be a source of revenue generation if the water discharged from bathrooms and kitchens is supplied to industries. "It is all economics. We pay Rs 600-800 for a tanker of water. This decentralized sewage treatment plant gives a return on investment in less than two years. So now you can treat your sewage and use it for secondary uses such as washing your car or watering the plants," Popat said.

even individual homes, reduce water usage while also bringing in revenue, said Ion Exchange president, Ajay Popat.

Water treatment solution provider Ion Exchange suggests that individual homes can use decentralized sewage treatment plants to cut down their dependence on groundwater or government water supply.

"We need to see how we can reuse municipal waste water," Popat said.

Popat was talking to **TOI** to announce that the Mumbai-headquartered company was expanding its manufacturing facility in Goa. The company, which currently employs 250 people, has invested Rs 50 crore to expand its base at the Verna industrial estate.

Though the exact figures are not available for India,

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	The Goan
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Ion Exchange to launch first of its kind plant in India at Verna Ind Est today

THE GOAN | NETWORK

PANAJI

A pioneer in water treatment technology, Ion Exchange (India), will launch an integrated reverse osmosis membrane manufacturing plant at Verna Industrial Estate on September 30. The plant is set up at the investment of Rs 50 crore and this was one of the first projects to get approval from the investment promotion board (IPB).

Ajay Popat, president, Ion Exchange (India), said, "Earlier, we used to roll membrane at our plant in Verna. But, we decided to integrate completely and start right from polymerisation stage, as we are very strong in research and development. We have set up a new facility, which is close to our existing plant, wherein, we will indigenously develop polymers. We have facility for full casting and after that even rolling. We call this integrated reverse osmosis plant."

Membrane technology has increasingly become impor-



We have set up a new facility, which is close to our existing plant, wherein, we will indigenously develop polymers. We have facility for full casting and after that even rolling
— Ajay Popat,
 President, Ion Exchange (India)

tant in waste water treatment. Not only residential consumers, but even industries need treated water and this is where membrane technology



Built water treatment plants and effluent treatment plants for high-profile clients like Maruti Suzuki and Reliance Industries in other parts of India

Set up country's first sea water distillation plant in the 1990s

Built the state of art sewage treatment plant at Panaji with a 12 million litres per day capacity in 2002

Will launch an integrated reverse osmosis membrane manufacturing plant at Verna Industrial Estate

The plant is set up at the investment of Rs 50 crore

plays a very critical role.

Popat said that the integrated plant at Verna Industrial Estate will help Ion Exchange in reducing the cost of tech-

nology thereby making water treatment accessible to more people in India and abroad.

But, Ion Exchange has another connection with Goa as well, as Popat informed, "We had built the state of art sewage treatment plant at Panaji with a 12 million litres per day capacity way back in 2002."

Even earlier, Ion Exchange has built water treatment plants and effluent treatment plants for high-profile clients like Maruti Suzuki and Reliance Industries in other parts of India.

Popat further informed that Ion Exchange had also set up country's first sea water distillation plant in the 1990s.

Sometime back, the Supreme Court (SC), in a judgement, had said that the local bodies should be told that all industrial areas should have common effluent treatment plant (ETP) in the next three years. Popat sees a huge business opportunity in this, as he said that Ion Exchange has ways to make ETP affordable to industries.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	The Navhind Times
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Headline	We give preference to the locals in our unit
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The Chief Minister, Manohar Parrikar speaking after the inauguration of first completely integrated membrane manufacturing plant by Ion Exchange at Verna on Saturday



Ajay Popat, president, corporate marketing, technology

“We give preference to the locals in our unit”

Listed company, Ion Exchange inaugurated its new manufacturing facility in Verna industrial estate on Saturday. The facility is important for Goa looking for outside investment from companies. Here **Ajay Popat**, president, corporate marketing, technology talks to **Bhiva P Parab** on range of issues, including the company's market share (50 per cent) and its success in exports.



Ajay Popat

recent time, we have completed a 26.4 mld seawater reverse osmosis (SWRO) plant for Chennai Petroleum Corporation. We have the contract for a 19.8 mld SWRO system for the 3 x 500 mw thermal power plant of NTPC - TNAD joint venture at Vellore near Chennai. The demineralised water is used on the boiler drum for steam generation.

New manufacturing plant inaugurated in Verna

Inauguration of Ion Exchange's first completely integrated membrane manufacturing plant in Verna industrial estate was by the Chief Minister, Manohar Parrikar, on Saturday. The Chief Minister while speaking on the occasion said that if there is a genuine project coming up in the state "we will make land available to them." The Chief Minister also appreciated the work of Ion Exchange.

He also said that, the government will try to solve the various land disputes as soon as possible due to which the land which is stuck could be made available to the projects which will benefit the state.

Speaking during the occasion, Rajesh Sharma, chairman and managing director, Ion Exchange (India) Ltd said, "Setting up of this sophisticated reverse osmosis manufacturing plant in Goa is one more step towards our commitment in providing world-class technology and solutions for total water and environment management for industries, homes and communities. The initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports. Thus the plant will prove to be of great importance for the water treatment industry and our nation."

ability and thorough knowledge of our customers' processes and needs enable our industry-specific verticals to offer solutions specific to requirements. We are also able to gauge evolving challenges and needs of our customers, and develop innovative solutions to meet these.

Did you supply zero liquid discharge capabilities?

We have supplied and commissioned several zero liquid discharge (ZLD) systems to treat variety of effluents including very complex effluent streams generated by refineries, steel industry, breweries, textiles, etc. Our processes involved in treating these effluents include (but not limited to) anaerobic, aerobic membrane and multi-effect distillation (MED). We have the widest range of process technology, suitable for a specific type of effluent under each of these process categories.

Q. Tell us about the new manufacturing facility being commissioned in Goa?

Our new plant is a state-of-the-art, completely integrated and automated reverse osmosis membrane manufacturing process and the first of its kind in India. It is a part of our 'Make in India' initiative. The technology is indigenously developed and it includes polymerisation, casting, rolling and assembly. The plant is set up over cost of Rs 50 crores. It will have the capacity to produce for domestic demand and also meet export obligations.

Q. How many Goans will you be recruiting in the new unit?

We give preference to the locals in our unit. The facility employs approximately 250 staff of which majority is Goans. Out of the total staff, about 30-40 percent are women. The unit will manufacture eight-inch size 1000 membranes a day. Talking about Goa, it is a fabulous place and I love to come to the state. The infrastructure here is also good. The local culture, people of Goa are good and we have also got good support from the government.

Q. Is the local government supportive?

Yes! The government here is supportive and without their support it would not have been possible to go ahead with our plans. We are very much thankful to the government as whenever the government helped whenever we approached them. We did not face much difficulty in the setting up of the facility and are happy about it.

Q. What is your track record in exports?

We have done more than one lakh installations worldwide and over 1,000 installations are in the core sector such as thermal and nuclear power stations, fertilizer factories, refineries, etc. We export to Africa, Japan, Middle East, Russia, South East Asia, UK, USA and neighbouring countries and have the largest service network in the water treatment industry in Asia. Our global presence is through overseas sales and service operations, subsidiaries and joint ventures. We introduced Ion exchange resins as a concept in 1964 and have more than 50 per cent market

share in India. Similarly as pioneers in reverse osmosis membrane manufacturing we have developed the concept successfully for applications in seawater desalination, effluent and sewage.

Q. Does your water and environment management solutions extend beyond the industrial sector?

Our products extend beyond the industrial sector to hotels, spas, schools, colleges, hospitals, laboratories, etc., by providing safe drinking water and a clean environment. Apart from systems for specific medical, laboratory and hospital applications, the 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, among others.

Q. Have you built any seawater desalination?

Yes, we have engineered and built the largest number of seawater desalination plants in India. In

Q. What is your company's specialization?

We are specialists in water and waste water. We offer total water and environment management solutions for all sectors - infrastructure, industry, institutions, municipal, homes and communities, urban and rural and 360° environment management.

Pioneer in water treatment

A pioneer of water treatment in India with a legacy spanning over five decades, Ion Exchange is recognised internationally in the water and environment management industry. The company is one among few in the world to offer the complete range of technologies, products and services towards environment solutions. It manufactures ion exchange resins for water and non-water applications, membranes, water treatment chemicals and speciality process chemicals.

Q. Tell us something about your association with Ion Exchange?

I am associated with Ion Exchange since 1994, and have spearheaded several initiatives in developing and successfully commercializing proprietary, advanced and sustainable technologies for purification and separation in water, wastewater treatment and more recently in areas of renewable energy in compliance with legal, environmental, economic and social requirement of our country. During my tenure, I successfully conceived the idea of a separate environment management business, which we formed through a joint venture between Ion Exchange and a leading Belgium company. Under my



The first completely integrated membrane manufacturing plant by Ion Exchange at Verna

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Page No.	3

उद्योजकांसाठी वाढीव चटई क्षेत्र : मुख्यमंत्री

वेर्णा येथे आयन एक्सचेंज कंपनीचे उद्घाटन; देशातील पहिला प्रकल्प

पुणे, ता. ३० (प्रतिनिधी): कंपनीचा विलनास हा होताना उघार आहे. त्यांना वाढीव जमीन देण्याचा प्रश्न निव्वळी महापालिकाची त्यांना चटई क्षेत्र वाढवून देण्याचा निर्णय घेण्यात आला आहे. लष्कराचा तो अमलरास येईल, अशी गारिती मुख्यमंत्री मनोहर पर्रीकर यांनी आज वेर्णा येथे दिली.

वेर्णा औद्योगिक वसाहतीत आयन एक्सचेंज या कंपनीच्या पूर्वीचे एकदिवस मेझीन उपादान कारखान्याचे उद्घाटन करण्यात येत आहे. कंपनीचे अध्यक्ष आणि व्यवस्थापकीय संचालक राजेश शर्मा यांच्या उपस्थितीत होते. मुख्यमंत्री पंत प्रमोद करवड्याचे उद्घाटन केले आणि कारखान्याचे फिक्कण पाहिले. तिथून ऑनोमोसिस मिस्टन वापरगारी पहिली कंपनी म्हणून ही कंपनी ओळखली

वती. आयन एक्सचेंज कंपनीचे फिक्कण संशोधन आणि तंत्रज्ञान केंद्रात ऑनोमोसिस मेझीन देवांतर्गत संशोधनानुसार विकसित केले आहेत. या कारखान्यात ५० कोटी रुपयांची सुलक्षणीत कंपनीने केले आहे.

मुख्यमंत्री म्हणाले, हे तंत्रज्ञान राण्यासाठी अमठी वापरले आहे. संशोधनच्या संशोधनी व मालनिस्सारा प्रकल्प हा तंत्रज्ञान आम्ही प्रथम वापरले. लष्करातील फिक्कण अंतराविलती वाकरणेची यानी यासाठी पर्यावरण रक्षणाच्या नवाखाली धरवे निधी दिलेले होते. असे तंत्रज्ञान जगात देण्याची आणि उघाटनेली देण्याची आरण्या देशात खाला आहे. सध्या

कार्यदेलात प्रकिनेन आडकलेली जमीन अशा उद्योगांसाठी देण्यासाठी काहीतरी मार्ग निघेल अशी आशा आहे.

शर्मा म्हणाले, उद्योग, पारुणी पाहणीकर जळ आणि पर्यावरण व्यवस्थापनसाठी सखन पर्याय देण्यास आम्ही बांधील आहोत. विण्याच्या पाण्याची कमीतल असल्याने पर्यायी स्रोत निगीव करणे वा आहे ते पाणी जपून वापरणे असे दोन पर्याय आहेत. तिलक असलेले पाणी विण्यायोग्य बनविणेही तंत्रांचे महत्वाचे आहे, तेथे आम्ही पुढीकच आसे. आमच्या या उपादानांतुळे मेझीन आपला करण्याचे प्रमाण घटेल. त्यातून देशाचे विदेशी चलनही वाचेल.



वेर्णा : आयन एक्सचेंजच्या मेझीन उघाटन कंपनीचे उघाटन केण्यातून कारखान्यात मुख्यमंत्री मनोहर पर्रीकर, सौखत कंपनीचे अध्यक्ष व व्यवस्थापकीय संचालक राजेश शर्मा.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	The Times of India
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'More land for entrepreneurs at GIDC estates'

TIMES NEWS NETWORK

Panaji: Chief minister Manohar Parrikar on Friday indicated that the industry would soon be able to utilize a larger portion of land allotted to entrepreneurs at the over 20 industrial estates operated by the Goa Industrial Development Corporation (GIDC).



Parrikar recently held a meeting with stakeholders where a decision was taken to permit industries to use as much as 60% of the allotted plot by an industrial unit.

"You will soon get 60% coverage that you can use of the land. There will be an increase in the land use. The minutes are being finalized," Parrikar said while inaugurating the new manufacturing facility of Ion Exchange at Verna Industrial estate.

Parrikar expressed his support to industries that have the potential to increase employment through the expansion of manufacturing processes. "If it is an expansion of a genuine and reputed industry, you can always approach me in future," Parrikar said.

The chief minister also expressed hope that the government would be able to resolve the issue of the land locked up in SEZs in the state.

Parrikar also expressed his gratitude to former prime minister Atal Bihari Vajpayee for introducing revolutionary reverse osmosis membrane technology in Goa and India in 2004.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	The Hindu Business Line
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Headline	Ion Exchange opens plant in Goa
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Page No.	6

Ion Exchange opens plant in Goa

New Delhi, October 3

Environment solutions provider Ion Exchange on Tuesday said it has inaugurated its ₹50-crore integrated automated reverse osmosis membrane manufacturing plant in Goa.

Through the plant at Verna Industrial Estate, the company aims to garner 20 per cent market share in the next three years, Ion Exchange said in a statement. PTI

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

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Date	7 October, 2017
Page No.	7

मुख्यमंत्री मनोहर पर्रीकर यांची उपस्थिती : आयन एक्स्चेंज लिमिटेडचा प्रकल्प वेर्णातील रिव्हर्स ऑस्मोसिस मेम्ब्रेन उत्पादन कारखान्याचे उद्घाटन



कारखान्याचे उद्घाटन करताना मुख्यमंत्री मनोहर पर्रीकर. सोबत कंपनीचे अध्यक्ष राजेश शर्मा व अन्य मान्यवर.

पणजी

जलप्रक्रियेतील आघाडीची आणि भारतातील आघाडीची जल आणि पर्यावरण व्यवस्थापन कंपनी असलेल्या आयन एक्स्चेंज (इंडिया) लिमिटेडने शुक्रवारी वेर्णा इंडस्ट्रीयल इस्टेटमध्ये पहिल्या अद्ययावत पूर्णपणे एकात्मिक आणि ऑटोमेटेड रिव्हर्स ऑस्मोसिस मेम्ब्रेन उत्पादन कारखान्याचे उद्घाटन केले. मनोहर पर्रीकर यांच्या हस्ते या कारखान्याचे उद्घाटन करण्यात आले.

भारतातील जलशुद्धीकरण क्षेत्र आणि जागतिक ओईम्सना पाण्यासाठी विविध प्रकारचे दर्जेदार रिव्हर्स ऑस्मोसिस मेम्ब्रेन्स आणि सांडपाणी प्रक्रियेचे पर्याय देण्याच्या हेतूने हा प्रकल्प उभारण्यात आला आहे. रिव्हर्स ऑस्मोसिस सिस्टीम वापरणारी पहिली कंपनी म्हणून ही कंपनी ओळखली जात असून ती आयन एक्स्चेंज रेसिन तंत्रज्ञानातील एक पूरक प्रक्रिया होती. आयन एक्स्चेंजने कॉम्प्लेक्स पॉलिमाइड तंत्रज्ञानावर

आधारित रिव्हर्स ऑस्मोसिस मेम्ब्रेन विकसित करण्यासाठी देशांतर्गत संशोधन आणि विकास केला आहे. भारताच्या पहिल्या आधुनिक रिव्हर्स ऑस्मोसिस मेम्ब्रेन उत्पादन कारखान्याची स्थापना करण्यासाठी या कंपनीने ५० कोटी रुपयांपेक्षा अधिक गुंतवणूक केली असून पुढील तीन वर्षांमध्ये २० टक्क्यांपेक्षा अधिक बाजारवाटा घेण्याची शक्यता आहे. या कारखान्यात देशांतर्गत मागणी पूर्ण करण्याची आणि निर्यातीच्या गरजाही पूर्ण

करण्याची क्षमता आहे.

आयन एक्स्चेंज (इंडिया) लिमिटेडचे अध्यक्ष आणि व्यवस्थापकीय संचालक राजेश शर्मा यांनी उद्घाटनाप्रसंगी सांगितले की, गोव्यात रिव्हर्स ऑस्मोसिस उत्पादन कारखाना स्थापन करणे म्हणजे, उद्योग, घरगुती स्वरूपावर आणि समाजाला परिपूर्ण जल आणि पर्यावरण व्यवस्थापन पर्याय आणि जागतिक तंत्रज्ञान पर्याय पुरवण्याच्या आमच्या बांधिलकीतील आणखी एक पाऊल आहे. या उपक्रमामुळे आयात केलेल्या मेम्ब्रेनवरील अवलंबित्व कमी होईल व निर्यातीच्या माध्यमातून मौल्यवान परकीय चलन मिळवणे शक्य होईल.

आयन एक्स्चेंज (इंडिया) ही ५० वर्षांपेक्षा अधिक अनुभव असलेल्या कंपनी एक कंपनी असून जगभरात औद्योगिक, संस्थात्मक, महापालिका आणि घरगुती -शहरी आणि ग्रामीण अशा प्रत्येक क्षेत्रात विविध प्रकारचे तंत्रज्ञान, प्रक्रिया, उत्पादने आणि सेवा देणाऱ्या कंपन्यांपैकी एक आहे.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Dainik Herald
Edition	Goa
Headline	Country's first membrane production factory inaugurate
Date	8 October, 2017
Page No.	4

देशातील पहिल्या मेम्ब्रेन उत्पादन कारखान्याचे उद्घाटन

▶ आयन एक्सचेंज (इंडिया) लिमिटेडचा देशातील पहिला कारखाना

▶ माननीय मुख्यमंत्री मनोहर पर्रीकर यांचे हस्ते शुभारंभ

पणजी, दि. ७ (प्रतिनिधी) :

जल प्रक्रियेतील आणि देशातील आघाडीची जल आणि पर्यावरण व्यवस्थापन कंपनी असलेल्या आयन एक्सचेंज (इंडिया) लिमिटेडने वेर्णा येथील इंडस्ट्रिअल इस्टेटमध्ये पहिल्या अद्ययावत, पूर्णपणे एकात्मिक आणि ऑटोमेटेड रिव्हर्स ऑस्मोसिस मेम्ब्रेन उत्पादन कारखान्याचे उद्घाटन केले. माननीय मुख्यमंत्री मनोहर पर्रीकर यांच्या हस्ते हा उद्घाटन सोहळा पार पडला. देशातील जलशुद्धीकरण क्षेत्र आणि



वेर्णा - मडगाव : येथील इंडस्ट्रिअल इस्टेटमध्ये आयन एक्सचेंज इंडियाच्या देशातील पहिल्या अद्ययावत, पूर्णपणे एकात्मिक आणि ऑटोमेटेड रिव्हर्स ऑस्मोसिस मेम्ब्रेन उत्पादन कारखान्याचे उद्घाटन करताना माननीय मुख्यमंत्री मनोहर पर्रीकर. सोबत इतर मान्यवर मंडळी.

जागतिक ओईम्सना पाण्यासाठी आहे. रिव्हर्स मोसिस सिस्टिम वापरणारी पहिली कंपनी म्हणून ही कंपनी ओळखली जात असून ती आयन एक्सचेंज रेसिन तंत्रज्ञानातील

एक पूरक प्रक्रिया होती, आयन एक्सचेंज कॉम्पोझिट पॉलिमाइड तंत्रज्ञानावर आधारित रिव्हर्स ऑस्मोसिस मेम्ब्रेन विकसित करण्यासाठी देशांतर्गत संशोधन

आणि विकास केला आहे. भारताच्या पहिल्या आधुनिक रिव्हर्स ऑस्मोसिस मेम्ब्रेन उत्पादन कारखान्याची स्थापना करण्यासाठी या कंपनीने ५० कोटी रुपयांपेक्षा अधिक गुंतवणूक केली असून पुढील तीन वर्षांमध्ये २० टक्क्यांपेक्षा अधिक बाजारवाटा घेण्याची शक्यता आहे. या कारखान्यात देशांतर्गत मागणी पूर्ण करण्याची आणि निर्यातीच्या गरजाही पूर्ण करण्याची क्षमता आहे.

आयन एक्सचेंज (इंडिया) ही ५० वर्षांपेक्षा अधिक अनुभव असलेल्या कंपन्यांपैकी एक कंपनी असून जगभरात औद्योगिक, संस्थात्मक, महापालिक आणि घरगुती - शहरी आणि ग्रामीण अशा प्रत्येक क्षेत्रात विविध प्रकारचे तंत्रज्ञान, प्रक्रिया, उत्पादने आणि सेवा देणाऱ्या कंपन्यांपैकी एक आहे.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	UNI
Edition	Online
Headline	Indian mPoS MobiSwipe goes Global
Link	http://www.uniindia.com/goa-cm-inaugurates-automated-reverse-osmosis-membrane-manufacturing-plant/other/news/1005161.html
Date	September 30, 2017

Goa CM inaugurates automated Reverse Osmosis membrane manufacturing plant

Panaji, Sept 30 (UNI) Goa Chief Minister Manohar Parrikar today inaugurated country's first state-of-the-art automated Reverse Osmosis membrane manufacturing plant at Verna Industrial Estate, around 25 km from here. The plant has been set up by Ion Exchange (India) Limited with an objective to provide India's water treatment industry and global OEMS a range of quality Reverse Osmosis membranes for water and waste water applications. Speaking on the occasion, the Chief Minister said the plant was a great technological feat and India had proved itself again. Ion Exchange (India) Limited Chairman and Managing Director Rajesh Sharma said, 'Setting up of this sophisticated Reverse Osmosis manufacturing plant in the state of Goa, India is one more step towards our commitment in providing world-class technology and solutions for total water and environment management for industries, homes and communities. This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports. Thus the integrated Reverse Osmosis plant will prove to be a great importance for the water treatment industry and our nation.' UNI AKM SHK 1944

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Herald
Edition	Online
Headline	Membrane manufacturing plant opens
Link	https://www.heraldgoa.in/Goa/Membrane-manufacturing-plant-opens/120776.html
Date	October 1, 2017

Membrane manufacturing plant opens

VERNA: One of the first projects cleared by the IPB came on stream Saturday when Chief Minister Manohar Parrikar inaugurated the country's first state-of-the-art, completely integrated and automated Reverse Osmosis membrane manufacturing plant at Verna Industrial Estate.

Team Herald

VERNA: One of the first projects cleared by the IPB came on stream Saturday when Chief Minister Manohar Parrikar inaugurated the country's first state-of-the-art, completely integrated and automated Reverse Osmosis membrane manufacturing plant at Verna Industrial Estate.

Ion Exchange spent around Rs 50 crore to set up the plant and it employs Goans in very large numbers and around 35 percent are women. The plant has been set up with an objective to provide India's water treatment industry and global OEMs a range of quality Reverse Osmosis membranes for water and waste water applications.

Parrikar said it was a great technological feat and India had proved itself with technology that was developed in the country. The company aims to garner 20% market share in the next three years.

The plant will have the capacity to meet the domestic demand and also meet export obligations.

Speaking at the inauguration, Rajesh Sharma, Chairman & Managing Director of Ion Exchange (India) Ltd. expressed hope that the state government would provide them with more land having provided just 50% of the land this time.

He said setting up the plant is another step towards their commitment in providing world-class technology and solutions for total water and environment management. "This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports. Thus the integrated Reverse Osmosis plant will prove to be of great importance for the water treatment industry and our nation," he said.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	The Navhind Times
Edition	Online
Headline	"We give preference to the locals in our unit"
Link	http://www.navhindtimes.in/we-give-preference-to-the-locals-in-our-unit/
Date	October 2, 2017



The Chief Minister, Manohar Parrikar speaking after the inauguration of first completely integrated membrane manufacturing plant by Ion Exchange at Verna on Saturday

"We give preference to the locals in our unit"

Listed company, Ion Exchange inaugurated its new manufacturing facility in Verna industrial estate on Saturday. The facility is important for Goa looking for outside investment from companies. Here

Ajay Popat, president, corporate marketing, technology talks to Bhiva P Parab on range of issues, including the company's market share (50 per cent) and its success in exports.

1. Tell us about the new manufacturing facility being commissioned in Goa?

Our new plant is a state-of-the-art, completely integrated and automated reverse osmosis membrane manufacturing process and the first of its kind in India. It is a part of our 'Make in India' initiative. The technology is indigenously developed and it includes polymerisation, casting, rolling and assembly. The plant is set up over cost of Rs 50 crores. It will have the capacity to produce for domestic demand and also meet export obligations.

1. How many Goans will you be recruiting in the new unit?

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

We give preference to the locals in our unit. The facility employs approximately 250 staff of which majority is Goans. Out of the total staff, about 30-40 percent are women. The unit will manufacture eight-inch size 1000 membranes a day. Talking about Goa, it is a fabulous place and I love to come to the state. The infrastructure here is also good. The local culture, people of Goa are good and we have also got good support from the government.

1. Is the local government supportive?

Yes! The government here is supportive and without their support it would not have been possible to go ahead with our plans. We are very much thankful to the government as whenever the government helped whenever we approached them. We did not face much difficulty in the setting up of the facility and are happy about it.

1. What is your track record in exports?

We have done more than one lakh installations worldwide and over 1,000 installations are in the core sector such as thermal and nuclear power stations, fertiliser factories, refineries, etc. We export to Africa, Japan, Middle East, Russia, South East Asia, UK, USA and neighbouring countries and have the largest service network in the water treatment industry in Asia. Our global presence is through overseas sales and service operations, subsidiaries and joint ventures. We introduced ion exchange resins as a concept in 1964 and have more than 50 per cent market share in India. Similarly as pioneers in reverse osmosis membrane manufacturing we have developed the concept successfully for applications in seawater desalination, effluent and sewage.

1. Does your water and environment management solutions extend beyond the industrial sector?

Our products extend beyond the industrial sector to hotels, spas, schools, colleges, hospitals, laboratories, etc., by providing safe drinking water and a clean environment. Apart from systems for specific medical, laboratory and hospital applications, the 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, among others.

1. Have you built any seawater desalination?

Yes, we have engineered and built the largest number of seawater desalination plants in India. In recent time, we have completed a 26.4 mld seawater reverse osmosis (SWRO) plant for Chennai Petroleum Corporation. We have the contract for a 19.8 mld SWRO system for the 3 x 500 mw thermal power plant of NTPC – TNAD joint venture at Vellore near Chennai. The demineralised water is used on the boiler drum for steam generation.

1. What is your company's specialization?

We are specialists in water and waste water. We offer total water and environment management solutions for all sectors – infrastructure, industry, institutions, municipal, homes and communities, urban and rural and 360° environment management.

1. Tell us something about your association with Ion Exchange?

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

I am associated with Ion Exchange since 1994, and have spearheaded several initiatives in developing and successfully commercializing proprietary, advanced and sustainable technologies for purification and separation in water, wastewater treatment and more recently in areas of renewable energy in compliance with legal, environmental, economic and social requirement of our country. During my tenure, I successfully conceived the idea of a separate environment management business, which we formed through a joint venture between Ion Exchange and a leading Belgium company. Under my leadership as a CEO of this joint venture (and then elevated to the board of the company), I created a leadership position for the joint venture, leading to the elevation as the president of the parent company, Ion Exchange (India) Ltd, where I am responsible for corporate functions in technology, marketing, communications, heavy industry business verticals, environment division and corporate affairs.

1. Tell me about the application of reverse osmosis system?

Ours was the first company in India to apply reverse osmosis system as a complimentary process to our resin technology. Following this commercial breakthrough we invested in setting up India's first reverse osmosis membrane manufacturing plant in 1989 near Halol, Gujarat. Later in 1997 we commissioned India's then largest SWRO plant at Gujarat Electricity Board Sikka Thermal Power Station. In our pursuit to develop membrane technology for providing alternate sources of water to industries we pioneered development of membrane processes and systems using reverse osmosis to recycle industrial effluents. Today, we have several industrial effluent recycle systems operating successfully in diverse industries. Concurrent to these developments we also pioneered the application of reverse osmosis membranes for domestic home water appliances under our brand name of Zero B Pristine.

1. What about integrated solutions for industry?

Ion Exchange provides comprehensive, integrated solutions to diverse industries ranging from automotive and textile, pharma and electronics, food and beverage, to power stations, refineries, fertiliser and steel plants. Our solutions add value across the entire water circuit. They address issues of water conservation, pollution control, energy saving, reduced chemical consumption, solid waste management through waste to energy projects and air protection. Additionally, our speciality high performance process chemicals enhance process efficiency and value. Our total solutions capability and thorough knowledge of our customers' processes and needs enable our industry-specific verticals to offer solutions specific to requirements. We are also able to gauge evolving challenges and needs of our customers, and develop innovative solutions to meet these.

1. Did you supply zero liquid discharge capabilities?

We have supplied and commissioned several zero liquid discharge (ZLD) systems to treat variety of effluents including very complex effluent streams generated by refineries, steel industry, breweries, textiles, etc. Our processes involved in treating these effluents include (but not limited to) anaerobic, aerobic membrane and multi effect distillation (MED). We have the widest range of process technology, suitable for a specific type of effluent under each of these process categories.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	HT Syndication
Edition	Online
Headline	Goa CM inaugurates automated Reverse Osmosis membrane manufacturing plant
Link	http://htsyndication.com/htsportal/united-news-of-india/article/goa-cm-inaugurates-automated-reverse-osmosis-membrane-manufacturing-plant/23350329
Date	September 30, 2017

Goa CM inaugurates automated Reverse Osmosis membrane manufacturing plant

Panaji, Sept. 30 -- Goa Chief Minister Manohar Parrikar today inaugurated country's first state-of-the-art automated Reverse Osmosis membrane manufacturing plant at Verna Industrial Estate, around 25 km from here.

The plant has been set up by Ion Exchange (India) Limited with an objective to provide India's water treatment industry and global OEMS a range of quality Reverse Osmosis membranes for water and waste water applications.

Speaking on the occasion, the Chief Minister said the plant was a great technological feat and India had proved itself again.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Goa Newswire
Edition	Online
Headline	Goa CM inaugurates automated Reverse Osmosis membrane manufacturing plant
Link	https://goanewswire.wordpress.com/2017/10/03/indias-first-completely-integrated-membrane-manufacturing-plant-by-ion-exchange-india-ltd-inaugurated-by-honourable-chief-minister-of-go-a-shri-manohar-parrikar/
Date	October 3, 2017

India's first completely integrated membrane manufacturing plant by Ion Exchange (India) Ltd. Inaugurated by Honourable Chief Minister of Goa, Shri. Manohar Parrikar



Pioneers in water treatment and India's premier water and environment management company, Ion Exchange (India) Limited today inaugurated India's first state-of-the-art, completely integrated and automated Reverse Osmosis membrane manufacturing plant at Verna Industrial Estate, in Goa, India. Honourable Chief Minister of Goa, Shri. Manohar Parrikar inaugurated the plant with much enthusiasm and interest. The plant has been set up with an objective to provide India's water treatment industry and global OEMs a range of quality Reverse Osmosis membranes for water and waste water applications.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Known to be the first company in India to apply Reverse Osmosis system as a complimentary process to Ion Exchange resin technology, Ion Exchange has undertaken indigenous research and development to develop Reverse Osmosis membranes based on composite polyamide technology. The company has invested over Rs. 50 crores in order to set up India's first modern Reverse Osmosis membrane manufacturing plant and aims to garner 20% market share in the next three years. The plant will have the capacity to meet the domestic demand and also meet export obligations.

Speaking on the inauguration, Mr. Rajesh Sharma, Chairman & Managing Director of Ion Exchange (India) Ltd. said, *"Setting up of this sophisticated Reverse Osmosis manufacturing plant in the state of Goa, India is one more step towards our commitment in providing world-class technology and solutions for Total Water and Environment Management for industries, homes and communities. This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports. Thus the integrated Reverse Osmosis plant will prove to be of great importance for the water treatment industry and our nation."*

With over 50 years of expertise, Ion Exchange (India) is among the few companies worldwide with an entire range of technologies, processes, products and services catering to every sector – industrial, institutional, municipal and households – urban and rural.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Goa Khabar
Edition	Online
Headline	Goa CM inaugurates automated Reverse Osmosis membrane manufacturing plant
Link	http://www.goakhabar.com/2017/09/30/indias-first-completely-integrated-membrane-manufacturing-plant-by-ion-exchange-india-ltd-inaugurated/
Date	September 30, 2017

India's first completely integrated membrane manufacturing plant by Ion Exchange (India) Ltd. Inaugurated



Goa:Pioneers in water treatment and India's premier water and environment management company, Ion Exchange (India) Limited today inaugurated India's first state-of-the-art, completely integrated and automated Reverse Osmosis membrane manufacturing plant at

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Verna Industrial Estate, in Goa, India. Chief Minister Manohar Parrikar inaugurated the plant with much enthusiasm and interest. The plant has been set up with an objective to provide India's water treatment industry and global OEMs a range of quality Reverse Osmosis membranes for water and waste water applications.

Known to be the first company in India to apply Reverse Osmosis system as a complimentary process to Ion Exchange resin technology, Ion Exchange has undertaken indigenous research and development to develop Reverse Osmosis membranes based on composite polyamide technology. The company has invested over Rs. 50 crores in order to set up India's first modern Reverse Osmosis membrane manufacturing plant and aims to garner 20% market share in the next three years. The plant will have the capacity to meet the domestic demand and also meet export obligations.

Speaking on the inauguration, Rajesh Sharma, Chairman & Managing Director of Ion Exchange (India) Ltd. said, *"Setting up of this sophisticated Reverse Osmosis manufacturing plant in the state of Goa, India is one more step towards our commitment in providing world-class technology and solutions for Total Water and Environment Management for industries, homes and communities. This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports. Thus the integrated Reverse Osmosis plant will prove to be of great importance for the water treatment industry and our nation."*

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INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	The Times of India
Edition	Online
Headline	'More land for entrepreneurs at GIDC estates'
Link	https://timesofindia.indiatimes.com/city/goa/more-land-for-entrepreneurs-at-gidc-estates/articleshow/60896976.cms
Date	October 3, 2017

'More land for entrepreneurs at GIDC estates'

Panaji: Chief minister Manohar Parrikar on Friday indicated that the industry would soon be able to utilize a larger portion of land allotted to entrepreneurs at the over 20 industrial estates operated by the Goa Industrial Development Corporation (GIDC).

Parrikar recently held a meeting with stakeholders where a decision was taken to permit industries to use as much as 60% of the allotted plot by an industrial unit.

"You will soon get 60% coverage that you can use of the land. There will be an increase in the land use. The minutes are being finalized," Parrikar said while inaugurating the new manufacturing facility of Ion Exchange at Verna Industrial estate.

Parrikar expressed his support to industries that have the potential to increase employment through the expansion of manufacturing processes. "If it is an expansion of a genuine and reputed industry, you can always approach me in future," Parrikar said.

The chief minister also expressed hope that the government would be able to resolve the issue of the land locked up in SEZs in the state.

Parrikar also expressed his gratitude to former prime minister Atal Bihari Vajpayee for introducing revolutionary reverse osmosis membrane technology in Goa and India in 2004.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Outlook India
Edition	Online
Headline	Ion Exchange opens reverse osmosis membrane plant in Goa
Link	https://www.outlookindia.com/newscroll/ion-exchange-opens-reverse-osmosis-membrane-plant-in-go/1159459
Date	October 3, 2017

Ion Exchange opens reverse osmosis membrane plant in Goa

New Delhi, Oct 3 Environment solutions provider Ion Exchange today said it has inaugurated its Rs 50 crore integrated automated reverse osmosis membrane manufacturing plant in Goa.

Through the plant at Verna Industrial Estate, the company aims to garner 20 per cent market share in the next three years, Ion Exchange said in a statement.

"This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports," Ion Exchange (India) Ltd CMD Rajesh Sharma said.

Thus the integrated reverse osmosis plant will prove to be of great importance for the water treatment industry and our nation, he added.

The objective of the plant is to provide water treatment industry and global OEMs (original equipment manufacturers) a range of quality reverse osmosis membranes for water and waste water applications.

The plant will have the capacity to meet the domestic demand and also meet export obligations, the company said.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Business Standard
Edition	Online
Headline	Ion Exchange (India) commissions new reverse osmosis membrane manufacturing plant
Link	http://www.business-standard.com/article/news-cm/ion-exchange-india-commissions-new-reverse-osmosis-membrane-manufacturing-plant-117100300639_1.html
Date	October 3, 2017

Ion Exchange (India) commissions new reverse osmosis membrane manufacturing plant

Ion Exchange (India) has commissioned a new Reverse Osmosis Membrane Manufacturing Plant at Verna Industrial Estate, Phase IV, Goa. The new plant is a state-of-the-art manufacturing facility and has completely integrated and automated the reverse osmosis membrane manufacturing process which is first of its kind in India. The plant is set up over cost of Rs 50 crore. The unit will manufacture eight inch size 1000 membranes a day.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Business Standard
Edition	Online
Headline	Ion Exchange opens reverse osmosis membrane plant in Goa
Link	http://www.business-standard.com/article/pti-stories/ion-exchange-opens-reverse-osmosis-membrane-plant-in-go-117100300702_1.html
Date	October 3, 2017

Ion Exchange opens reverse osmosis membrane plant in Goa

Environment solutions provider Ion Exchange today said it has inaugurated its Rs 50 crore integrated automated reverse osmosis membrane manufacturing plant in Goa.

Through the plant at Verna Industrial Estate, the company aims to garner 20 per cent market share in the next three years, Ion Exchange said in a statement.

"This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports," Ion Exchange (India) Ltd CMD Rajesh Sharma said.

Thus the integrated reverse osmosis plant will prove to be of great importance for the water treatment industry and our nation, he added.

The objective of the plant is to provide water treatment industry and global OEMs (original equipment manufacturers) a range of quality reverse osmosis membranes for water and waste water applications.

The plant will have the capacity to meet the domestic demand and also meet export obligations, the company said.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	India Today
Edition	Online
Headline	Ion Exchange opens reverse osmosis membrane plant in Goa
Link	http://indiatoday.intoday.in/story/ion-exchange-opens-reverse-osmosis-membrane-plant-in-go/1/1060613.html
Date	October 3, 2017

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INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	Finalaya
Edition	Online
Headline	Ion Exchange commissions Reverse Osmosis Membrane manufacturing plant at Goa
Link	http://www.finalaya.com/News/Ion-Exchange-commissions-Reverse-Osmosis-Membrane-manufacturing-plant-at-Goa-N562440.aspx
Date	October 3, 2017

Ion Exchange commissions Reverse Osmosis Membrane manufacturing plant at Goa

Ion Exchange India has commissioned a new Reverse Osmosis Membrane Manufacturing Plant at U-05/4 at Verna Industrial Estate, Phase IV, Goa. The new plant is a state-of-the-art manufacturing facility, and has completely integrated and automated reverse osmosis membrane manufacturing process which is first of its kind in India.

The plant is set up over cost of Rs 50 crore. The unit will manufacture eight-inch size 1000 membranes a day. It will have the capacity to produce for domestic demand and also meet export obligations.

Ion Exchange India pioneered water treatment in India and is today the country's premier company in water and environment management, with a strong international presence.

INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	India Bull Ventures
Edition	Online
Headline	Ion Exchange (India) commissions new reverse osmosis membrane manufacturing plant
Link	http://www.indiabullventures.com/news/market-news-detail/?id=969805&type=CORPORATENEWS
Date	October 3, 2017

Ion Exchange (India) commissions new reverse osmosis membrane manufacturing plant

Ion Exchange (India) has commissioned a new Reverse Osmosis Membrane Manufacturing Plant at Verna Industrial Estate, Phase IV, Goa. The new plant is a state-of-the-art manufacturing facility and has completely integrated and automated the reverse osmosis membrane manufacturing process which is first of its kind in India. The plant is set up over cost of Rs 50 crore. The unit will manufacture eight inch size 1000 membranes a day.

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INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	India Infoline
Edition	Online
Headline	Ion Exchange (India) commissions new reverse osmosis membrane manufacturing plant
Link	http://www.indiainfoline.com/article/companies-announcements-bse/ion-exchange-india-commissions-new-reverse-osmosis-membrane-manufacturing-plant-117100400060_1.html
Date	October 3, 2017

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INDIA'S FIRST INTEGRATED REVERSE OSMOSIS MEMBRANE MANUFACTURING FACILITY

Publication	OEM Update
Edition	Online
Headline	Ion Exchange opens RO membrane plant in Goa
Link	http://www.oemupdate.com/news-and-update/ion-exchange-opens-ro-membrane-plant-in-go/
Date	November 11, 2017



Ion Exchange (India) Ltd inaugurated India's first state-of-the-art, completely integrated and automated Reverse Osmosis (RO) membrane manufacturing plant at Verna Industrial Estate, in Goa, India. The plant has been set up with an objective to provide India's water treatment industry and global OEMs a range of quality RO membranes for water and waste water applications.

Known to be the first company in India to apply RO system as a complimentary process to Ion Exchange resin technology, Ion Exchange has undertaken indigenous research and development to develop RO membranes based on composite polyamide technology. The company has invested over ` 50 crores in order to set up India's first modern RO membrane manufacturing plant and aims to garner 20 per cent market share in the next three years. The plant will have the capacity to meet the domestic demand and also meet export obligations.

Commenting on the inauguration, Rajesh Sharma, Chairman & Managing Director of Ion Exchange (India) Ltd. said, "Setting up of this sophisticated RO manufacturing plant in the state of Goa, India is one more step towards our commitment in providing world-class technology and solutions for Total Water and Environment Management for industries, homes and communities. This initiative will reduce dependence on imported membranes and also earn valuable foreign exchange through exports. Thus the integrated RO plant will prove to be of great importance for the water treatment industry and our nation."