

# Salt Partners

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## Salt Partners win a contract to supply salt purification plant to Sadara Chemicals

The Dow Chemical Company (Dow) and the Saudi Arabian Oil Company (Saudi Aramco) formed a joint venture named Sadara Chemical Company to build and operate a world scale, integrated chemical complex in Jubail, Saudi Arabia ([www.sadara.com](http://www.sadara.com)).

Total investment in the project was announced to be approx. USD 20 billion. Sadara is expected to deliver annual revenues of approx. USD 10 billion and generate thousands of high quality jobs.

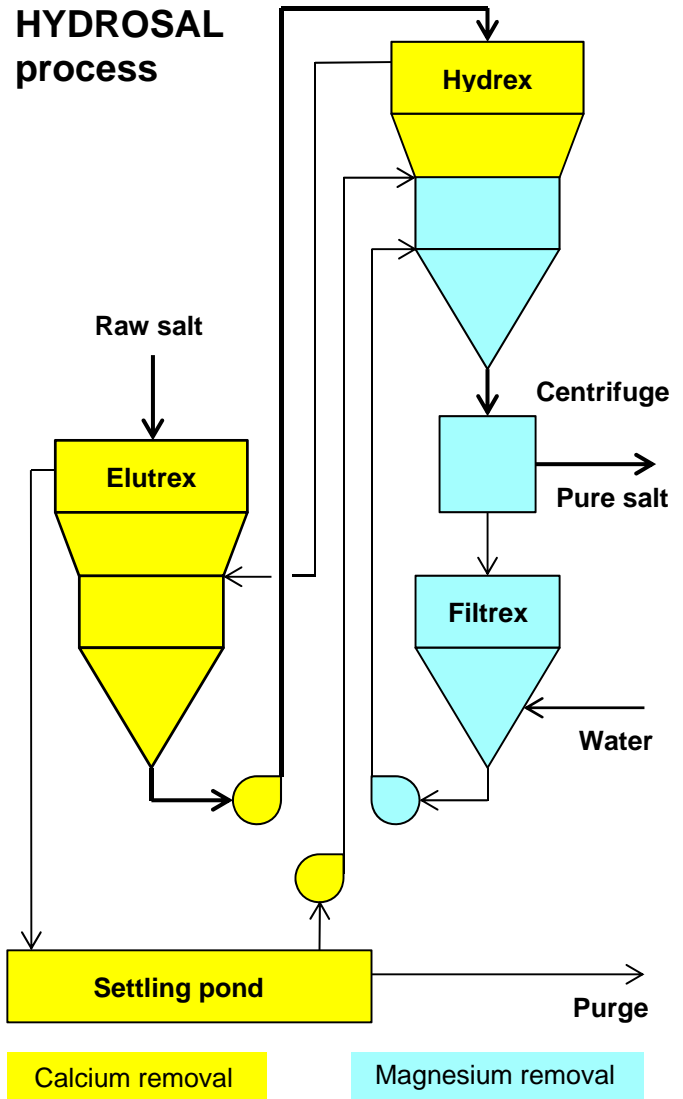
Comprised of 26 manufacturing units, the complex is the largest ever built in one single phase. It is designed to produce over 3 million t/y of high value petrochemicals and performance plastics from hydrocarbons and salt.

Salt Partners were awarded a contract to supply salt purification technology and provide equipment procurement and project execution services. The plant shall purify the locally available sabkha salt and make it suitable as feedstock to caustic / chlorine electrolysis employing membrane cells.

Chloralkali industries are concerned about impurities, which can severely damage the ion exchange membranes. Not only the content of calcium and magnesium in the salt, but also the ratio of calcium to magnesium is critical. The HYDROSAL process of Salt Partners avails of the unique capability to selectively remove calcium and magnesium from the salt and thus favourably adjust the calcium to magnesium ratio.

The advanced HYDROSAL process is renowned for high purification efficiency and low losses of salt. It finds application in purification of salt for industrial use and refining of salt for human consumption.

Salt Partners are independent consultants and engineers, active in the field of salt production, processing and hypersaline biotechnology. Salt Partners worldwide reputation is based on more than 30 years of experience gained in projects implemented worldwide.



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