

INTAKE VALVES AND PIPES SAUDI ELECTRICITY COMPANY - SAUDI ARABIA

Saudi Electricity Company (SEC) is a Saudi electric utility company. It enjoys a monopoly on the generation, transmission and distribution of electric power in Saudi Arabia through 45 power generation plants in the country.

The company was formed in 2000 by Order of the Council of Ministers through a merger of existing regional electricity companies in the Central, Eastern, Western and Southern regions into a single joint stock company. In 2009, the Electricity and Cogeneration Regulatory Authority (ECRA) announced its intention to split the company into four generation companies and separate transmission and distribution companies to encourage competition in the domestic utilities sector. A transmission company – National Grid SA – was established in 2012 to operate the national grid.

In August 2014, valves and intake pipes of the Shoaiba Power Plant, 120 km south of Jeddah, were coated with **ZINGA**.

The power plant is very close to the Red Sea coast (100 m). About 6000 m² of intake pipes and valves were refurbished. Normally these pipes and valves are being painted every 3 years by using traditional paints.

An inspection by Zingametall in 2018 revealed that the **ZINGA** was in good condition and no maintenance was needed.

System:

ZINGA

2 x 60 µm DFT



Condition before refurbishment



Condition before refurbishment

