

Success Story: The Case of Cadbury Mondelez

The name, Cadbury, is synonymous with delight for chocolate lovers everywhere. Widely acclaimed for its range of confectionary products around the world, Cadbury Mondelez is a venerated client that we were most thrilled to work with. Mondelez International, the company that makes Cadbury chocolates, has invested around USD 15 million to build a global Research, Development and Quality (RDQ) centre in neighbouring Thane. This centre will combine the high-end skills of our local team with global learnings and best practices to develop products and processes for Mondelez International globally.



VEMC's Role in the Cadbury Mondelez Project

VEMC is proud to have bagged the order worth INR 68 lakh from Cadbury Mondelez, to contribute to its project efforts. We supplied the Vertical Turbine (VT) pump, manufactured by Kirloskar Brothers Limited, to the site of Cadbury Mondelez in Thane.

Further, we provided two VT pumps from the small series of 7 stages, one VT pump of 75 KW at 1470 rpm CGL of the IE2 Motor make, and VT pumps of the large series with 6 stages and one VT pump of 110 KW at 1470 rpm CGL of IE2 Motor make with 4 stages.

Nature of the Project

VEMC supplied FM/UL pumps and vertical turbine pumps with diesel engines for the purpose of industrial usage at the Cadbury Mondelez site in Thane. Let's take a look at two types of pumps that we installed there – the diesel engine pump and the sprinkler jockey pump.

A diesel pump, also known as a diesel fuel injection pump, is used to pump fuel from a tank of fuel into the carburettor. A diesel pump is also capable of pumping out petrol but this depends mainly on the type of engine. Both diesel and petrol engines contain a mixture of air and fuel

which get ignited to power the machine in question. This means that they are both internal combustion engines. However, diesel pumps are extremely durable as they need to be significantly stronger than fuel pumps in petrol engines, since they have to deal with the pressure created by the compressed air and must handle the immense amount of heat generated from the air compression.



The sprinkler jockey pump is part of a fire fighting system, which is essential to any power station. Also called a pressure-maintenance pump, the sprinkler jockey pump is designed to keep the pressure in the system raised at a certain level when the system is not in use. This ensures that the fire pump does not run all the time and the system does not set off any false alarms. The jockey pump helps make sure that fire-fighting resources are used efficiently, without wastage.

For more information on industrial pumps, motors, and other equipment, please contact us on +91 98199 07445. VEMC is ISO 9001:2015 certified and a pioneer in the field of electromechanical engineering products, allied equipment, and services. For inquiries, contact us at marketing@vemc.co.in.