

CMIC: 014/20

Date: 31/01/2020

Dear Sir or Madam,

From March 2016 to October 2017, our fully integrated cement plant with 5,000 tpd capacity was built in Touk Meas, 125 km south of Cambodian capital Phnom Penh.

The German company Gebr. Pfeiffer was awarded the contract for the delivery of the three vertical mills while the Chinese company CITIC Heavy Industries acted as general contractor.

Let us start by saying that we are of the opinion that we have made the right decision when selecting Gebr. Pfeiffer as mill supplier. It quickly became clear during the project planning phase that the energy-efficient and reliable MVR mills would be used in our new cement plant.

The issues of reliability and availability were particularly important in the purchase decision. Pfeiffer's mill technology offers advantages over competition, due to its double active redundancy and the maintenance concepts presented were convincing and could be a true benefit for our operation.

For these reasons, we finally placed an order for the supply of all grinding mills by Gebr Pfeiffer: The cement mill being a MVR 6000 C-6 equipped with a fixed speed version of MultiDrive® and representing the currently largest vertical roller mill in Southeast Asia. The 4 drive units together deliver an installed capacity of 7,200 kW. The raw mill is a similar MVR 5000 R-4. For grinding of the solid fuel, the delivery was completed by a coal mill of the type MPS 3350 BK.

The three grinding units were successfully commissioned in October 2017 and achieved the guaranteed production rate (tons/hour) with predicted total electricity consumption.

The cement mill with MultiDrive® has proven of being able to operate with one grinding roller swung out. Additionally, this system also has proven that in case of breakdown, it can continue operation at lower capacity for a certain period, with only three or even two of the four drive units. This is a real advantage to mitigate losses in case of drive failure.

All teething problems during commissioning and post commissioning have been resolved together with Gebr. Pfeiffer, fairly and constructively. Pfeiffer and its specialists have shown professional and constructive support with a positive spirit of cooperation and we consider them as highly competent partner for such challenges. We would like to state that we are satisfied with the mill technology, but also with the services provided by Gebr Pfeiffer. We can therefore recommend them as a reliable supplier for vertical roller mills, also in big and ambitious projects.

Kind Regards,



Nicolas George

CEO