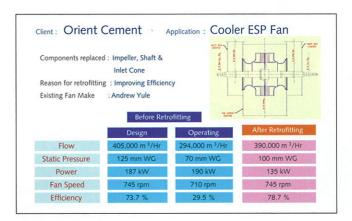


1 Retrofitting the Cooler ESP Fan at Raasi Cement

impeller at lower speed will be better option to minimize the problem.

Raw mill fan/Raw mill exhaust fan: In this case, blade outlet angle is the prime criteria while designing the impeller.
Since raw mill fan is handling lot of dust and the dust may be abrasive, it is necessary to protect the impeller against wear



2 Retrofitting the Cooler ESP Fan at Orient Cement

and tear and a suitable liner has to be selected for its protection. There are various options of protection against wear and tear.

www.reitzindia.com www.reitz-ventilatoren.de

## TISCO - Tata Iron & Steel Co. Ltd., Jamshedpur

As already announced in our May 2006 "Maerz News" TISCO – Tata Iron & Steel Co. Ltd., Jamshedpur/India (Fig. 1), placed



Kiln for Tata

an order with Maerz for the installation of a 425 t/d mixed gas fired PFR Kiln. For this project Maerz supplied the design and engineering, key equipment for the mixed gas firing system as well as supervision services for the erection and commissioning work of the kiln. The industrial production, as defined in the order specification, has now been reached and the performance and quality parameters shown in **Table 1** have been achieved: The client furthermore confirmed that, under current conditions, the kiln plant is able to produce lime fulfilling the standards and requirements of the TATA steel plant and has taken over the responsibility for kiln operation.

www.maerz.com

Tab. 1 Production data

> 425
< 890
< 2
> 350

## Dedusting 1500 m above sea level

Ambuja Cements Limited (former name Gujarat Ambuja

Cements Limited), with company headquarter in Mumbai, is one of the largest Indian cement producers. The company produces 18.5 million t/a of cement. Ambuja invests within the scope of its environmental engagement sustainably and intensely in the modernisation of its cement plants. The plant Rauri–Darlaghat will also be equipped with up-to-date technologies. At the production plant located at a height

1 Ambuja Cement Limited construction site

of 1500 m above sea level the assembly of modern dedusting

technology from Intensiv-Filter has begun (Fig. 1). The dedusting plant of the rotary kiln is designed for a volume flow of 2 100 000 m³/h at 200 °C. The two filters for the kiln dedusting are of the type IFJCN 80/48-8000 D ECO, equipped with 8 m long bags und a very energy efficient, admission-pressure controlled cleaning control system. The complete dedusting solution is provided by Intensiv-Filter India Pvt. Ltd. The commissioning is scheduled for spring 2010.

www.intensiv-filter.com