



ECH-CHELIFF, ALGERIA

An emissions test conducted on the two clinker cooler dedusting equipped with Redecam's filters revealed a dust emission between 2 mg/Nm³ and 4 mg/Nm³, against the guaranteed performance of 10 mg/Nm³. This result confirms the high performing design of Redecam also for clinker cooler exhaust.

SAINT PIERRE LA COUR, FRANCE

Lafarge Ciments has contracted Redecam to supply equipment for a project at the Saint-Pierre La Cour plant. This project will involve the modification of the existing ESPs on the kiln & raw mill line with the Redecam model, with a collecting surface of 3.224 m² each. The project started few years ago with the conversion of one casing into Redecam ESP. The emissions test on the gases exhausting from Redecam filter revealed an average dust concentration of 3,5 mg/Nm³. Since the Redecam ESP created excellent results at the stack, the investment was postponed to 2006.

Today with both casing converted into Redecam ESP the emission are lower than 5 mg/Nm³.



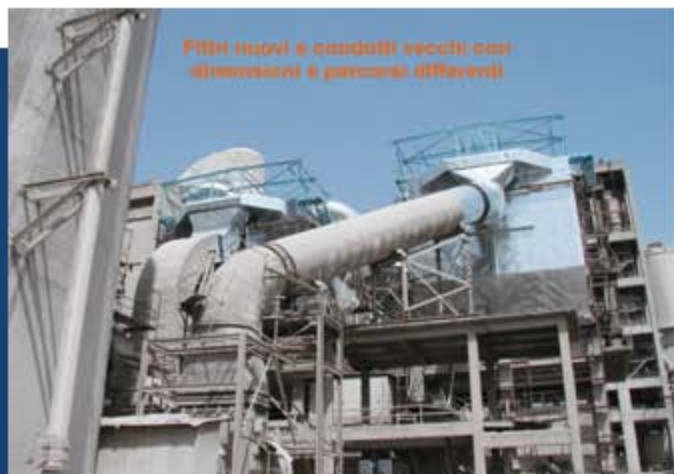
MERGESTETTEN, GERMANY

Schwenk Zement has awarded Redecam a contract for the supply of the kiln and raw mill at its Mergelstetten plant. The new bag filter will have a filtration surface of 7.743 m² and bags in fibreglass with PTFE membrane. As well as the bag filter supply and erection, Redecam will also supply ductworks, process fans and the electrical supply and erection.

HALKIS and MILAKI, GREECE

After the successful commissioning of line C at Halkis plant, with the transformation of the ESP to a hybrid filter, Heracles Cement (subsidiary of Lafarge Group) assigned Redecam the contract for the same transformation on line D where expects similar performances: dust content <10mg/Nm³ and filter loss ab.80mmH₂O.

Redecam was awarded also the transformation of the ESP into hybrid filter on two fans system at the Milaky plant. The new filter is designed for a flow of 850.000Am³/h.





FUHAIS, JORDAN

JCF continues to demonstrate its appreciation for the Redecam products at the Fuhais cement plant. The project for cement mill 3 will see the replacement of the existing ESPs on the cement mill with the new Redecam bag filter, each with a filtration surface of 1.710 m². The same project was completed last year on the cement mill 2 with an emission measurement continuously below 10mg/Nm³.

SAINT PIERRE LA COUR, FRANCE

Lafarge prefers Redecam filters also for the cement mill dedusting: Redecam DPM bag filter model for heavy-duty service and high dust burden (up to 1000 g/Nm³), has been designed for a gas flow of 400.000 m³/h. Gas inlet in the central hopper and vertical channels - where the gas rises and then enters the bag chambers with an horizontal motion - provide the dust pre-dropping action, which improves bag life and reduces the filter pressure drop.

RUSTAVI, GEORGIA

Kartuli Cementi has chosen Redecam to supply process filters for the upgrade of its Rustavi plant. Redecam's scope of supply will include one bag filter for the exhaust gas from the kiln and raw mill, one bag filter for the exhaust gas from the clinker cooler and from the clay dryer, as well as an air-air heat exchanger and coal mill bag filter.

REDECAM for STEEL

Redecam signed with San Zeno Acciai, Dufenco Group, its first contract with steel industry for dedusting applications. Redecam will supply a complete turnkey revamping of EAF primary line, with a new Quenching Tower (5,2 m diameter, 10 lances) designed for a gas flow rate of 220,000 Nm³/h at 700°C, a spark arrestor, DEC damper, 110 kW booster fan on the LF fumes extraction line, ductworks for connection to existing bag filters. By this equipment, already suitable for an increase of EAF productivity up to 160 t/h, Dufenco will reduce dioxin content at the stack exhaust down to 0,5 mg/Am³.

TETOUAN, MAROC

Kawasaki has assigned a new contract to Redecam for the supply of technological component and complete engineering for the three process bag filters (kiln, cooler and coal), one cooler heat exchanger and 24 nuisance bag filters for the extension at the Lafarge Tetouan plant. This is Redecam's second contract with Kawasaki after the Tetouan II project, which was successfully started in 2003.

RADOTIN, CZECK REPUBLIC

After the successful start-up of the dedusting units of the first line, Ceskomoravsky Cement has once again selected Redecam to supply equipment for the second line of its Radotin plant. The supply will include an air-air heat exchanger for the clinker cooler dedusting and a bag filter for the kiln bypass.

SAINT GEORGE SUR MEUSE, BELGIUM

Redecam signed a turnkey contract with Lhoist for the supply of a new kiln bag filter for a lime factory at Carrières et Fours à Chaux Dumont-Wautier, Belgium. The new bag filter will replace the existing ESP to reduce stack dust emission less than 10mg/Nm³. The installed filtration surface is 6.000m² of fiberglass bags with PTFE membrane.

