



Ambt Delden, 21 december 2011

Dear sir/madam,

It's December again and the world is sailing in stormy waters and that while we're still dealing with the after-shocks of the 2008 crisis. But industry is now investing again in improving installations, but also in improving maintenance. One trend in current projects, though, is lowering of production and energy costs. Sustainability has definitely made its entry into the building materials industry and that is creating new perspectives.

### **Analysing and structuring maintenance**

Last month we received an order from **Remix Dry Mortar Ltd**, a UK organisation with 2 production sites (London and Bristol) and 1 sales office (Southampton), to analyse their existing maintenance concepts.

Before carrying out the assignment, a brief inventory of the present maintenance program will take place in the first instance. The present system will also be evaluated together with the engineers responsible.

The content of the maintenance concepts and the choice of strategic spare parts will be defined and documented with the help of the MMC-Timesaver<sup>®</sup> method.

As this is a very small technical organisation with a limited maintenance task, the company has in the first instance chosen not to go for a maintenance management package.

Remix has chosen a simple system that will be based on:

- Checklists for lubrication and maintenance
- Annual contracts for third-party maintenance
- Fault registration system

In addition, the quality of the maintenance will be monitored by means of audits,



### **Extended filter protection**

As already mentioned, the industry is becoming more sustainable, also in combating dust in general and when blowing cement into silos in particular. For those reasons we are concluding more and more contracts with companies for periodic checking and maintenance of the silo filters.

Those inspections show that it sometimes happens that a filter no longer cleans properly when unloading during stormy weather. Given that most filters do not send an error message in such situations, **KEMP BV** has since recently been offering a module that checks whether the filter control is still functioning properly.

The solution offered can be applied on any brand of filter.



### **Polyurethane bends for pneumatic transport**

For many years now, polyurethane bends have been applied in the cement industry for blowing cement into silos or for transporting dry mortar. Besides standard bends in the usual dimensions, **KEMP BV** also supplies bends to customer specifications. The most recent delivery was bends for pneumatic transport of soy meal for a livestock feed company. Standing times have been improved by a factor of 8, thus saving significant costs.

### **Extended additive dosing at OMNICOL**

A familiar player in the building world in the field of cement-based glues is the Belgian company **OMNICOL** in Weelde. After extending and modernising the existing additives store last summer, we installed a new weighing scale last month with storage and a dosing system for another 7 additives. The extension had to take place in between the existing mixing towers, altogether a tough challenge.



Besides expansion, the project goal was especially to improve the dosing accuracy.

The newly installed system weighs with a precision of 5 grams.

To prevent influences through wind, the new weighing scale was placed inside a protective housing. For the dosing, we chose special screws with a very small “drop”. This produces still higher product quality and less spillage of extremely expensive raw materials. The extension in the number of automated dosages has strongly reduced the number of manual dosages. This efficiency improvement is helping **OMNICOL** to keep producing its high-quality products for the building world.

In the near future we will also be involved in further investments planned for the coming year. There too, we will face extreme demands. But that also applies to the products from

**OMNICOL**, so we are in good company.



### **“New” dryer for Remix Hardenberg**



Having become superfluous through the construction of a new installation in 2008, a previous installation at Remix Dry Mortar was completely dismantled earlier this year and shipped to the Netherlands. **KEMP BV** supervised the dismantling for the client. In addition, **KEMP BV** was awarded the contract to provide the project management for the relocation of the 8-year-old fluidized bed dryer from the UK to Remix in Hardenberg.

Given the short throughput time of 3 months, this project was quite a job. The various parts of the installation were subjected to extensive inspection and the repairs needed are meanwhile in full swing. Preparations for demolition of the old drum dryer and the structural modifications necessary have also started. Depending on the weather conditions, the total work will take around 4 weeks.

The various suppliers are working hard to achieve that goal. After rebuilding, Remix will have a dryer with sufficient capacity and a significantly better yield, which is expected to result in a substantial saving in fuel. Low energy consumption is a key aspect for the market Remix operates in.

### **MBA instruments at POWTECH 2011**

Since January this year, we have been the representative of **MBA** in the BENELUX. The first results have been achieved, but we expect further growth in 2012. MBA’s active stance in gearing developments to the needs of the industry is helping here. At the recent POWTECH fair, **MBA Instruments** showed many innovations, including:

- Expanded range for the food industry
- Retractable paddle for MBA 200 (compact installation)
- Level reporting by text message (feeding via solar cell)
- Various “heavy duty” versions of rotating paddle sensors

In other words, reasons enough to have your production controlled by the robust and state-of-the-art sensors from **MBA instruments**.



Why not ask us for more information?

On behalf of our whole team, I wish you a Merry Christmas and a Happy New Year in 2012.

Frans Kruse  
Director