FULLER®

KilnLoq® PROBE CLEANING UPGRADE KIT

KEEP YOUR KILNLOQ PROBE CLEAN FOR RELIABLE PERFORMANCE

ENHANCED CLEANING WITH REDUCED PRESSURE DROP

Research carried out together with a Danish university revealed that pressure drop in the existing system was caused by variations in fitting and pipe sizes. By standardizing these components from the air tank to the probe filter head, the pressure at the filter head was increased by at least three times, resulting in a significant improvement in cleaning efficiency.

Proven results in real-world applications

We have tested the probe cleaning upgrade kit at some new systems supplied to China where a customer was facing several blockages daily. After installation of the upgrade, the need for manual cleaning reduced to just 1 – 2 times a month.

We have seen similar improved performance on a newly installed KilnLoq system at a cement plant in Denmark. That system was replacing an old KilnLoq system supplied back in 2004 – going from manual cleaning several times daily to once every 2 – 3 weeks.

Most new systems have a runfactor between 97-99,5% and the same is seen in connection with upgrades of old systems.

Fast and easy installation

The upgrade process takes just 2 – 3 days, carried out by one of our engineers with support from an on-site technician. Our technician will remain on-site for a few extra days to confirm system performance.

What's included in the upgrade kit?

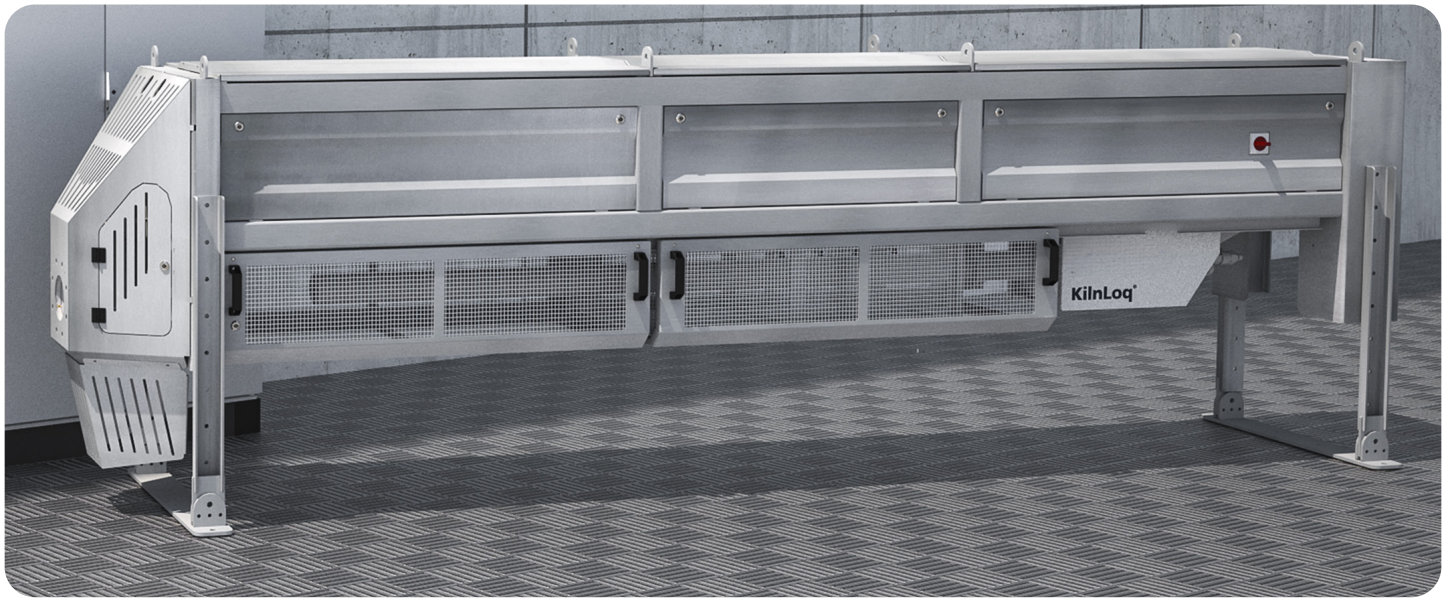
- All required hose couplings
- Plastic and blowback pipes (BB2 and BB3)
- All necessary fittings
- Quick connectors for valve block and probe connection
- New air strainer
- Updated drawings and parts list

Is this upgrade right for your plant?

Every pyro process is unique, with different raw materials, fuels, and kiln conditions. However, we are confident that this upgrade will enhance performance for most, if not all, KilnLoq systems. We are so confident in this upgrade that we offer a 50% credit note on the cost of the upgrade kit if it does not improve your system's performance.

Available for: KilnLoq Extraction Device Version 3 (implemented from 2015 onwards).

Future availability: Upgrade kits for Version 1 and Version 2 can be made upon customer request.



KILN INLET GAS ANALYZER NEW PROBE AERATION

Eagle Cement in the Philippines was experiencing buildup on the tip of its kiln probe, which reduced suction and impacted the reliability of the gas analyzer. Despite daily servicing, this buildup became more difficult to address over time, forcing the plant to take additional downtime to remove the accumulated hardened deposits. Changes to the cleaning time cycle provided temporary relief, but didn't offer a long-term solution. The plant decided to install the kiln probe upgrade – seeing an immediate and significant improvement.

"The installation of the new KilnLoq probe cleaning upgrade kit has greatly improved our operation. Buildup of materials at the tip of the probe is significantly reduced, which in turn helps maintain more stable and accurate readings »

- ARCH JOHN ALBERTO,
SHIFT I&A SUPERVISOR AT EAGLE CEMENT

"The new probe lessens the material buildup in the probe, eliminating the frequent 'low suction' alarm we were getting before," explains Arch John Alberto, Shift I&A Supervisor at Eagle Cement.

Although the plant still cleans the probe daily as part of its standard maintenance routine, the task has become much easier and more efficient. With less physical effort required, the cleaning process can be completed in a shorter period of time, allowing personnel to allocate more attention to other important tasks.

FULLER® TECHNOLOGIES

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