



J.Lanfranco Fastener Systems Inc.
Top Quality Lock Nuts For Critical Joints
www.Reduce-Downtime.com



REDUCE FAILURE COSTS - INCREASE PRODUCTION

High plant availability is key to a successful cement factory operation. Failure costs created by downtime include:

- Reduced Production Throughput
- Increased Maintenance
- Higher Per Ton Cost
- Profit Loss



One of the biggest challenges for maintenance personnel are bolted joints that fail from:

- Loosening: Vibration, Extreme Temperature
- Seized nuts from Galling or Corrosion
- Loss of Bolt Tension

In 1995, in an effort to combat these failures, a large European cement factory agreed to install Lanfranco ESL lock nuts on their Ball Mills.



Fig.1: Ball Mill Interior



ESL nuts in an M30 x 2,50 fine pitch were installed and evaluated over an entire production campaign. During this time, production was never halted due to bolt loosening and installations and removals were more efficient and predictable.

Following the trial, a company wide memo was issued to all plant superintendents noting the performance of the Lanfranco ESL nut and encouraging them to install ESL nuts for their own trials.

Today, ESL nuts are being used in M30-33-36 fine pitch throughout the company's many cement factories with no quality issues.

ESL Lock Nuts on Ball Mills Eliminate:

- Nylon Insert Nut Failures
- Counter Nut Method
- Seized Nuts
- Welded Nuts



Reduce-Downtime Today! Enlist in a J.Lanfranco Test Trial.

T (514) 694-3250 F (514) 694-9095 info@Reduce-Downtime.com