

# Examples of Recent Cement Projects (2011-2012)

Project	Plant	Where	Implement
3100 to 4200 tpd	Gas fired PH	Venez	2012
Assess calciners for max AFR	Current calciners and new build 9 projects	Brazil	2012+
Optimize calciner for max AFR	2400 tpd FLS calciner	Chile	2011
Maximize AFR and get 800 mg/Nm <sup>3</sup>	4200 tpd with mini TCC RSPs	Romania	2011
NO <sub>x</sub> from 4.0 to 2,3 lbs/st	6,000 tpd Polysius calciner	USA	2011
NO <sub>x</sub> from 4.1 to 2,3 lbs/st	4500 tpd Polysius AT calciner	USA	2011
Get to 50% calciner TSR	4000 tpd Fuller calciner	USA	2011
2800 to 3500 tpd	Gas fired calciner	Venez.	2011
90% tdf TSR	2400 tpd coal fired calciner	UK	2012
Stop meal drop through	4500 tpd Polysius AT calciner	USA	2012
Get to 90% TSR with tdf	3000 tpd FLS calciner	USA	2012
Impact of AFR on NO <sub>x</sub> & CO	5000 tpd Polysius with CC	Brazil	2012
NO <sub>x</sub> from 4.2 to 2,3 lbs/st	3000 tpd FLS calciner	USA	2011
Get AFR to 100% TSR	3000 tpd Polysius Calc. 2 secs RT	UK	2011
Impact of AFR on NO <sub>x</sub> & CO	6000 FLS SLC calciner	Canada	2012
Get to 75% TSR w Biosolids	2400 tpd KHD calciner	OZ	2012
Reduce VOC and CO with fluff	4000 tpd Polysius AT calciner	Poland	2012
Reduce CO with fluff	3000 tpd RSP calciner	Czech	2012