

Plant : PPC Ltd. (Line SK8) Location : South Africa Year : 2013		
	Existing	Designed
Production	2200 TPD	6000 TPD
Volume at PH outlet	480000 Am <sup>3</sup> /hr	950000 Am <sup>3</sup> /hr
$\Delta P$ across Preheater	310 mmWG	325 mmWG
PH outlet Temp.	455 °C	345 °C
Preheater was redesigned on Same PH footings. No major columns or Beams were disturbed		

Plant : Pakland Cement Line II Location : Pakistan Year : 2005 - 06		
	Before	After
Production	1600 TPD	3200 TPD
Volume at PH outlet	-	555000 Am <sup>3</sup> /hr
$\Delta P$ across Preheater	-	450 mmWG
PH outlet Temp.	-	340 °C
Plant was purchased in a package but installed after re-designing and re-engineering.		

Plant : Satna Cement (Birla Corporation) Location : Satna, India Year : 2010 - 11	
Detailed Engineering and Manufacturing Drawing Supplied for Coal Mill VRM	

Plant : Gujarat Siddhi Cement Ltd (Mehta Group) Location : Gujarat, India Year : 2010		
	Before	After
Production	3800 TPD	4350 TPD
$\Delta P$ across Preheater	PH - 750 mmWG PC - 640 mmWG	PH - 500 mmWG PC - 445 mmWG
$\Delta T$ across RD 2-1	PH - 125 °C PC - 155 °C	PH - 195 °C PC - 230 °C
Top 2 Stage Modification in both string Calciner Modification - Resident time increased from 2.5 Sec to 4.5 Sec.		