



TITAN

GREEK PLANTS: 4

KAMARI : GREY CLINKER

THESSALONIKI :

PATRAS :

ELEUSIS : WHITE CLINKER

TOTAL CAPACITY : 5.000.000 TONS CLINKER

FUEL CONSUMPTION : 550.000 TONS PC-C

ALTERNATIVE RAW MATERIAL :

FLY ASH (POWER GENERATION) : 75.000TN (1,4 %)

GROUND SLAG (STEEL INDUSTRY): 100.000 TN (1,3 %)

ALTERNATIVE FUEL : KAMARI PLANT

KAMARI PLANT

CAPACITY : 2.200.000 TN CLINKER

(TWO KILNS WITH FOUR STAGES PREHEATER – GRADE COOLER – BAG FILTER)

FUEL CONSUMPTION : 250.000 TN C-PC

ALTERNATIVE FUEL :

USED TYRES : 8.000 TN/Y

SUB : 3,2 BW OR 3,2 % BCV

FEED POINT : PREHEATER (KILN INLET)

INDUSTRIAL SLUDGES: 10.000 TN/Y

(INPREGNATED SAW DUST)

SUB : 4% BW OR 2% BCV

FEED.POINT : MAIN BURNER

TYPICAL ANALYSIS

	TYRES	R.I.SLUDGES
MOISTURE (%)	< 1	< 15
NET CAL VALUE (KCAL/Kg)	6.800	3.500
VOLATILE (%)	60	60
ASH (1%)	10	20
CL (%)	< 0,1	< 0,2
S (%)	< 1,5	< 1,5
Hg (ppm)	< 0,01	< 0,05
Cd+Th (ppm)	< 20	< 5
Total elements (ppm)	< 2000	< 2000

STACK EMISSIONS (Mg/Nm³)

DUST	5
NO _x	650
SO _x	1
HCl	1
HF	0,1
PCDDs/PCDFs	0,0025 X 10 ⁻⁶
Hg	0,041
Cd+Tl	0,045
Total elements	0,23



01/09/2005











