

D0782

INTERNATIONAL BUILDING CODE AND ASCE 7

WIND INFORMATION

Wind Importance Factor	1.0
Basic Wind Speed (3 sec gust)	130
Exposure Category	C

GRAVITY LOADS			WIND LOADS				
COLUMN	UNBALANCED AND LIVE "L"		ACROSS THE PLANT		ALONG THE PLANT		
	DEAD "D"	LIVE "L"	VERT WIND	HORIZ. WIND	VERT WIND	HORIZ. WIND	
A	23.1	210.6	141.0	44.9	43.2	15.2	CEMENT STORAGE
B	20.1	200.6	141.0	44.9	43.2	15.2	CEMENT STORAGE
C	5.9	58.7	18.4	17.9	7.2	9.3	FRONT AGG BIN
D	8.8	88.0	19.9	0.0	0.0	9.3	MIDDLE AGG BIN
E	5.9	58.7	18.4	17.9	7.2	0	REAR AGG BIN
F	1.0	1.1	0.8	0.9	0.0	0.1	MIXER CHARGING CONVEYOR
G	0.5	5.1	10.8	6.5	0.0	6.5	FILL PIPE SUPPORT

THE VALUES SHOWN ABOVE ARE IN KIPS, 1000 LB FORCE

"ALONG THE PLANT" AND "ACROSS THE PLANT" REFER TO THE "X" OR "Z" DIRECTION (ALONG THE LENGTH OF THE MIXER CHARGING CONVEYOR OR ACROSS THE MIXER CHARGING CONVEYOR)