

DEPARTMENT OF ENVIRONMENTAL PROTECTION



TOWN NO. 089	PREMISE NO. 65	PERMIT NO. 27	STACK NO. 12
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EQUIPMENT CLASSIFICATION		DATE ISSUED	EXPIRATION DATE (NONE UNLESS NOTED)
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	June 12, 1987	
<input type="checkbox"/> PROCESS MFG. OTHER _____			

PERMIT TO :  CONSTRUCT  OPERATE OTHER \_\_\_\_\_

PREMISE TYPE :  PREMISE W/ POTENTIAL EMISSIONS  $\geq$  100 TPY WITHOUT PERMIT (i.e., EPA-"MAJOR SOURCE")

PREMISE W/ POTENTIAL EMISSIONS  $\geq$  100 TPY WITH PERMIT (i.e., EPA-"MAJOR SOURCE")

PREMISE W/ POTENTIAL EMISSIONS < 100 TPY (i.e., EPA-"MINOR SOURCE")

TYPE OF POLLUTANT FOR WHICH A PREMISE IS A "MAJOR SOURCE" :

↓	↓
<input checked="" type="checkbox"/> SO <sub>2</sub>	<input type="checkbox"/> SO <sub>2</sub>
<input checked="" type="checkbox"/> NO <sub>x</sub>	<input type="checkbox"/> NO <sub>x</sub>
<input type="checkbox"/> CO	<input type="checkbox"/> CO
<input type="checkbox"/> TSP	<input type="checkbox"/> TSP
<input type="checkbox"/> VOC	<input type="checkbox"/> VOC
OTHER _____	OTHER _____

TYPE OF MODIFICATION :  MAJOR MODIFICATION  MINOR MODIFICATION

(FOR A NEW SITING, PLEASE LEAVE BLANK)

TYPE OF SOURCE :  A1 SOURCE (ACTUAL EMISSIONS  $\geq$  100 TPY OR FOR A PREMISE WITH CONTROLS, POTENTIAL EMISSIONS  $\geq$  100 TPY)

A2 SOURCE (ACTUAL EMISSIONS < 100 TPY, AND;

1) FOR A PREMISE WITHOUT CONTROLS, POTENTIAL EMISSIONS  $\geq$  100 TPY, OR

2) FOR A PREMISE WITH CONTROLS, MAXIMUM UNCONTROLLED EMISSIONS  $\geq$  100 TPY)

B SOURCE  NSPS SOURCE  NESHAPS SOURCE

LOCATION OF EQUIPMENT (No. & Street, Town, Zip)  
MAPLE STREET, KILLINGLY, CONNECTICUT

FIRM NAME  
FRITTO-LAY INC.



STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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EQUIPMENT CLASSIFICATION		DATE ISSUED	EXPIRATION DATE (NONE UNLESS NOTED)
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	6/12/87	
<input type="checkbox"/> PROCESS MFG.			
OTHER _____			

THE FOLLOWING SHALL BE CONSTRUCTED/OPERATED IN ACCORDANCE WITH THE SPECIFICATIONS LISTED IN THE PERMIT APPLICATION, WITH THE TERMS OF THE PERMIT LETTER, AND WITH ALL APPLICABLE SECTIONS OF THE CONNECTICUT "ADMINISTRATIVE REGULATIONS" FOR THE ABATEMENT OF AIR POLLUTION."

EQUIPMENT DESCRIPTION (I.D.): CB DELTA 60 (WT-400X-CN2) BOILER #3

CONDITIONS:

MAXIMUM FIRING RATE: 52.9 x 10<sup>6</sup> BTU/hr Natural Gas  
 50.5 x 10<sup>6</sup> BTU/hr #6 fuel oil with 1% sulfur content (by weight)  
 51.0 x 10<sup>6</sup> BTU/hr #2 fuel oil with 1% sulfur content (by weight)

MINIMUM STACK HEIGHT: 100 ft. above grade

SIP ALLOWABLE EMISSIONS

Pollutant	Fuel	Design Capacity (MM BTU/hr)	Emissions standard (lb/MM BTU)	Operating Time (hr/yr)	Allowable Emissions (TPY)
TSP	Nat. gas	52.9	0.1	8760	23.2
	#2 oil	51.0	0.1	8760	22.3
	#6 oil	50.5	0.1	8760	22.1
SO <sub>2</sub>	Nat. gas	52.9	1.1	8760	231.7
	#2 oil	51.0	1.1	8760	245.7
	#6 oil	50.5	1.1	8760	243.3
NOx	Nat. gas	52.9	0.2	8760	46.3
	#2 oil	51.0	0.3	8760	67.0
	#6 oil	50.5	0.3	8760	66.4

RECORDS INDICATING CONTINUAL COMPLIANCE WITH ALL ABOVE CONDITIONS MUST BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE UPON DEPARTMENTAL REQUEST FOR THE DURATION OF THIS PERMIT.

FIRM NAME FRITO-LAY INC	
LOCATION OF EQUIPMENT (No. & Street, Town, Zip) MAPLE STREET, KILLINGLY, CONNECTICUT	
APPLICANT'S SIGNATURE <i>Kenneth E. Johnston</i>	COMMISSIONER OR HIS REPRESENTATIVE <i>John Anderson</i>

PERMIT IS INVALID UNLESS SIGNED BY APPLICANT, SUCH SIGNATURE CONSTITUTING AGREEMENT TO THE CONDITIONS LISTED ABOVE.

**AIR COMPLIANCE - PERMITS**

\* Frito-Lay understands that the named source is Type A1 rather than A2 as marked. -ACU-4 NEW 1/86