EMISSIONS CALCULATIONS

APPLICATION NUMBER: 0310489-005-AO **EU NUMBER:** 001

REFERENCES: 0310489-001-AC application, 0310489-003-AO application

POLLUTANT: Particulate Matter

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
5	15	20		

POTENTIAL EMISSION CALCULATIONS

(tires per hour) X (pounds of rubber removed per tire) X (percent suspended) X (AP-42 EF) X (cyclone eff.) = PTE

31.25	12	0.06	5.45E-01	0.022	=	0.27	lb/hr
					=	1.18	tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-296.700(2)(a) 62.296.320(4)(b)1	2.1101

COMMENTS:

POLLUTANT: VOC

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

(tires per hour) X (pounds of rubber removed per tire) X (AP-42 EF) = PTE

31.25	12	5.21E-04	=	0.20	lb/hr
				0.86	tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b) 62-296.320(1)	2.301 2.1101

COMMENTS:

POLLUTANT: HAP

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

(tires per hour) X (pounds of rubber removed per tire) X (AP-42 EF) = PTE

31.25 12 1.27E-04 = 0.05 lb/hr
0.21 tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b)	2.301
		62-296.320(1)	2.1101

COMMENTS:

PERMIT PROCESSOR: **DATE:**

Effective 2/27/97

EMISSIONS CALCULATIONS

APPLICATION NUMBER: 0310489-005-AO **EU NUMBER:** 002

REFERENCES: 0310489-001-AC application, 0310489-003-AO application

POLLUTANT: VOC

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

(tires per hour) X (grams of dissolution per tire) X (% VOC) X (pounds per gram) = PTE

31.25 25 0.885 0.0022026 = 1.52 lb/hr
6.67 tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b)	2.301
		62-296.320(1)	2.1101

COMMENTS:

POLLUTANT:

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER

POTENTIAL EMISSION CALCULATIONS

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL

COMMENTS:

PERMIT PROCESSOR: **DATE:**

Effective 2/27/97

EMISSIONS CALCULATIONS

APPLICATION NUMBER: 0310489-005-AO **EU NUMBER:** 003

REFERENCES: 0310489-001-AC application, 0310489-003-AO application

POLLUTANT: VOC from tread building

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

(tires per hour) X (pounds of rubber per tire) X (AP-42 EF) = PTE

31.25 3.3 1.23E-05 = 0.00 lb/hr
0.01 tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b)	2.301
		62-296.320(1)	2.1101

COMMENTS:

POLLUTANT: VOC from curing

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

[(tires per hour) X (AP-42 EF)] X [(pounds of rubber/tire) X (reduction factor) + (pounds of green rubber/tire)] = PTE

31.25 3.10E-04 140.7 0.2 3.3 = 0.30 lb/hr
1.33 tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b)	2.301
		62-296.320(1)	2.1101

COMMENTS:

POLLUTANT: HAP from tread building

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

(tires per hour) X (pounds of rubber per tire) X (AP-42 EF) = PTE

31.25 3.3 3.52E-05 = 0.00 lb/hr
0.02 tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b)	2.301
		62-296.320(1)	2.1101

COMMENTS:

POLLUTANT: HAP from curing

ALLOWABLE EMISSIONS

LBS/HR	TPY	% OPACITY	CONCENTRATION	OTHER
	10 (facility)			

POTENTIAL EMISSION CALCULATIONS

[(tires per hour) X (AP-42 EF)] X [(pounds of rubber/tire) X (reduction factor) + (pounds of green rubber/tire)] = PTE

31.25 1.06E-04 140.7 0.2 3.3 = 0.10 lb/hr
0.46 tpy

RULE APPLICABILITY:	FEDERAL	STATE	LOCAL
		62-210.300(3)(b)	2.301
		62-296.320(1)	2.1101

COMMENTS:

PERMIT PROCESSOR: _____ **DATE:** _____

Effective 2/27/97