

## Tawanna Reid

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**From:** EDDIE\_FRANKS@DENSO-diam.com  
**Sent:** Monday, July 9, 2018 9:52 AM  
**To:** Tawanna Reid  
**Subject:** Fw: Message from "RNP002673607C26"  
**Attachments:** 201807090907.pdf

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Hello Tawanna

Attached are the calculation that were done for DMAT. In addition we are going to add the boilers and generators that are to support our expansion when we complete the stack testing. this is going to early September. As you know we will only then be running at a high enough capacity to give us enough PPM of VOC's to measure destruction.

I have also pasted the NOx RACT Calculations

Thank You  
Eddie

	Source Description	10 <sup>6</sup> Cubic Feet Gas Burned per Year
601	Boiler #1	5.69
	Boiler #2	5.69
	Boiler #3	3.50
701	Boiler #3	25.80
	Boiler #4	25.80
	Boiler #5	25.70
	Boiler #6	25.70
	Boiler #7	21.90
	Boiler #8	21.90
	RTO	15.77
801	Kiln #1 *	100.74
	Thermal Oxidizer #1*	21.90
	Kiln #2	100.74
	Thermal Oxidizer #2	21.90
	Boiler	11.04
	TOTAL	433.77

\* 145 lb/10<sup>6</sup> ft<sup>3</sup>

Potential Emissions = (122.64 10<sup>6</sup> ft<sup>3</sup> Natuarl Gas \* 145 lb/10<sup>6</sup> ft<sup>3</sup>) + (311.13 10<sup>6</sup> ft<sup>3</sup> \* 100 lb/10<sup>6</sup> ft<sup>3</sup>) = 48,895.8 lbs/year

Potential Emissions = 24.448 tons/year

Eddie Franks  
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"Don't Forget; Avoid Regret; Safety Awareness is the Best Mind-Set"

----- Forwarded by EDDIE FRANKS/DMTN on 07/09/2018 09:44 AM -----