

# New Mexico Environment Department Air Quality Bureau **Compliance and Enforcement Section** 525 Camino de los Marquez, Suite 1 Santa Fe, NM 87505 Phone (505) 476-4300 Fax (505) 476-4375



Version 05.02.13

REPORTING SUBMITTAL FORM	N	IMED USE ONLY						511	NMED U	SE ONLY	
PLEASE NOTE: €- Indicatos required field  SECTION I - GENERAL COMPANY AND FACILITY INFORMATION  A. © Company Name: INTEL CORPORATION  B.1 © Company Address: 4 100 SARA ROAD  B.2 © City: RIO RANCHO  B.3 © State: B.4 © Zip: RIO RANCHO  B.7 1 2 4 E2 City: RIO RANCHO  B.7 1 2 4 RIO RANCHO  B.7 1 2 4 RIO RANCHO  B.7 2 Title: F.7 Eacliffy Contact: F.7 E Facility Contact: F.7 E Fac	TEMPO		REPORT	ING	SUB	MITT	AL FOI	RM	Staff		
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C.3 ® Phone Number: 505.893.6033 C.5 ® Email Address: alissa.m.cramer@intel.com C. Resonsbib Official: (Title V onlv): C. Reporting Period: From: 1/1/15 To: 6/30/15  SECTION II — TYPE OF SUBMITTAL (check one that applies) A. □ Title V Annual Compliance Certification C. □ NSPS Requirement (A0CFR61) Permit Condition(s): C. □ NSPS Requirement (A0CFR61) Permit Condition(s): C. □ NACT Requirement (A0CFR61) Permit or Notice of Intent (NOI) Requirement (NOI) Requirement (NOI) Requirement (NOI) Requirement (NOI) Requirement (NOI) Requirement (A0CFR61) Permit or Notice of Intent (NOI) Requirement Action C. □ Requirement of an Enforcement Action C. □ Requirement of Action Description: C. □ Requirement of Action Description: C. □				Engineer							
C. 5 Email Address: alissa.m.cramer@intel.com  G. Resonsbibe Official: (Title V onlv):  K. Ø Al Number:  L. Title V Permit Number:  M. Title V Permit Issue Date: 1103  P. Reporting Period: From: 1/1/15  To: 6/30/15  SECTION II — TYPE OF SUBMITTAL (check one that applies)  A. ☐ Title V Annual Compliance Certification  B. ☐ Title V Semi-annual Monitoring Report  C. ☐ NSPS Requirement (40CFR60)  Permit Condition(s): Description:  C. ☐ MACT Requirement (40CFR63)  E. ☐ NMAC Requirement (20.2.xx) or NESHAP Requirement (20.2.xx) or NESHAP Requirement (NOI) Requirement of an Enforcement Action  SECTION IV - CERTIFICATION  After reasonable inquiry, I Frank Gallegos certify that the information in this submittal is true, accurate and complete for the summary of the property of t				_		F.3 ® Pho	ne Number:				
G. Responsible Official: (Title V only): H. Title: I. Phone Number: J. Fax Number:  K. © Al Number: L. Title V Permit Number: M. Title V Permit Issue Date: N. NSR Permit Number: 325-M-11-R7  P. Reporting Period: To: 6/30/15  SECTION II — TYPE OF SUBMITTAL (check one that applies)  A. ☐ Title V Annual Compliance Certification  B. ☐ Title V Semi-annual Monitoring Report  C. ☐ NSPS Requirement (40CFR60)  Permit Condition(s): Description:  C. ☐ MACT Requirement (40CFR63)  Requirement (20.2.xx) or NESHAP Requirement (20.2.xx) or NESHAP Requirement (NOI) Requirement (NOI) Requirement (NOI) Requirement (NOI) Requirement of an Enforcement Action  SECTION IV - CERTIFICATION  After reasonable inquiry, I Frank Gallegos certify that the information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the Information in this submittal is true, accurate and complete for the	C.5 ® E	mail Address:				F.5 ® Em	ail Address:	om			
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Date Reviewed:

Reviewed By:



August 12, 2015

## Certified Mail No 7012 1640 0001 4131 6735 Return Receipt Requested

New Mexico Environment Department Air Quality Bureau Compliance and Enforcement Section 525 Camino de los Marquez, Suite 1 Santa Fe, NM 87505-1816

### Re: Air Quality Permit 325-M-11-R7- Condition A109 - (H1 2015 Semi-Annual Report)

Pursuant to Air Quality Permit 325-M-11-R7, Condition A109, Intel is submitting the semi-annual report for the first half of 2015. In accordance with Condition A807, the report contains:

- The monthly rolling 12 month total emissions of NOx, CO, SO<sub>2</sub>, TSP/PM10/PM2.5, VOC, individual and total HAPs.
  - Individual HAPs shown in Table 106.C with limits less than 9.0 tons per year will be reported if emitted in a quantity greater than 0.1 ton per year.
  - o Individual HAPs not shown in Table 106.C have a 9.0 tons per year limit as shown in Table 106.B, and will be reported if emitted in a quantity greater than 0.5 ton per year.
- 2) A summary of the VOC and HAPs test results, if testing occurred during the reporting period.
- 3) A summary of the boiler opacity test results, if testing occurred during the reporting period.
- 4) Production level expressed as percentage of full capacity of each source Fab.

As required by the permit Intel maintains detailed information used for emission calculations onsite. This information is available at the Department's request. Please call Alissa Cramer at (505)893-6033 with any questions or for further discussion.

Sincerely,

Frank Gallegos

NM Site EHS Manager

# Intel Corporation, New Mexico Site Semi-Annual Report

As required by Air Quality Permit 325-M-11-R7, Condition A109, Intel has prepared this semi-annual emissions report. All calculations have been performed to demonstrate compliance with Facility Wide Allowable Emissions Limits outlined in Tables 106.B and 106.C.

12-Month Rolling Total Emissions

Calculated Rolling Annual Emissions (Tons Per Year)	Feb'14 - Jan'15	Mar'14 - Feb'15	Apr'14– Mar'15	May'14- Apr'15	Jun'14 – May'15	Jul'14 - Jun'15
VOC	17.1	17.3	17.3	17.3	17.1	16.6
NO <sub>x</sub>	34.5	34.5	34.5	34.2	33.6	33.0
CO	39.7	39.9	40.1	39.7	38.9	37.7
SO <sub>2</sub>	0.0	0.0	0.0	0.0	0.0	0.0
TSP	10.7	10.7	10.8	10.8	10.9	10.8
PM <sub>10</sub>	9.9	10.0	10.0	10.0	10.0	9.9
PM <sub>2.5</sub>	5.4	5.4	5.4	5.4	5.5	5.4
Total HAPs:	3.6	3.5	3.4	3.3	3.1	2.9
HF	2.4	2.3	2.2	2.1	1.9	1.7

### **VOC and HAPs Test Results**

Per Condition B111.D of Permit 325-M-11-R7, Intel conducted stack testing on each operational solvent and scrubber exhaust stack during H2 2014. Per Condition B110.D, numbers are reported in lbs/hr and TPY and are based on emission test results at the time of testing, which may not reflect actual emissions over the course of a year.

Pollutant	Emissions (lbs/hr)	<b>Emissions (TPY)</b>
HC1	0.04	0.16
HF	0.34	1.49
Cl <sub>2</sub>	0.017	0.073
VOC	0.56	2.34

## **Opacity Test Results**

Per Condition B110.D, Intel conducted testing of visible emissions (opacity) on boiler units at 90% firing rate on diesel fuel during H1 2015. This opacity testing was performed to satisfy the boiler opacity requirements of 40 CFR 60 Subpart Dc for assessing affected boilers firing diesel as backup fuel. Units #16 (B6), 18 (B2), and 20 (B3) were not tested because they will not be operated on diesel fuel.

Load Position	Average Opacity (%)	Maximum Opacity (%)
Unit #19 (B1)	1%	5%
Unit #18 (B2)	-	-
Unit #20 (B3)	-	-
Unit #21 (B4)	0%	0%
Unit #17 (B5)	1%	5%
Unit #16 (B6)		-

#### **Production Level**

F11X operated at approximately 90.8% of factory capacity during H1 2015.