



**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

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TEMPO	

REPORTING SUBMITTAL FORM

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Staff	
Admin	

PLEASE NOTE: ® - Indicates required field

SECTION I - GENERAL COMPANY AND FACILITY INFORMATION					
A. ® Company Name: INTEL CORPORATION			D. ® Facility Name: INTEL RIO RANCHO FACILITY		
B.1 ® Company Address: 4100 SARA ROAD			E.1 ® Facility Address: 4100 SARA ROAD M/S RR5-491		
B.2 ® City: RIO RANCHO	B.3 ® State: NM	B.4 ® Zip: 8 7 1 2 4	E.2 ® City: RIO RANCHO	E.3 ® State: NM	E.4 ® Zip: 87124
C.1 ® Company Environmental Contact: Alissa Cramer	C.2 ® Title: Environmental Engineer		F.1 ® Facility Contact: Frank Gallegos	F.2 ® Title: EHS Manager	
C.3 ® Phone Number: 505.893.6033	C.4 ® Fax Number:		F.3 ® Phone Number: 505.794.4923	F.4 ® Fax Number:	
C.5 ® Email Address: alissa.m.cramer@intel.com			F.5 ® Email Address: frank.e.gallegos@intel.com		
G. Responsible Official: (Title V only):		H. Title:	I. Phone Number:		J. Fax Number:
K. ® AI Number: 1103	L. Title V Permit Number:	M. Title V Permit Issue Date:	N. NSR Permit Number: 325-M-11-R7	O. NSR Permit Issue Date: 4/26/13	
P. Reporting Period: From: 1/1/15 To: 6/30/15					

SECTION II - TYPE OF SUBMITTAL (check one that applies)			
A. <input type="checkbox"/>	Title V Annual Compliance Certification	Permit Condition(s):	Description:
B. <input type="checkbox"/>	Title V Semi-annual Monitoring Report	Permit Condition(s):	Description:
C. <input type="checkbox"/>	NSPS Requirement (40CFR60)	Regulation:	Section(s): Description:
D. <input type="checkbox"/>	MACT Requirement (40CFR63)	Regulation:	Section(s): Description:
E. <input type="checkbox"/>	NMAC Requirement (20.2.xx) or NESHAP Requirement (40CFR61)	Regulation:	Section(s): Description:
F. <input checked="" type="checkbox"/>	Permit or Notice of Intent (NOI) Requirement	Permit No. <input checked="" type="checkbox"/> : or NOI No. <input type="checkbox"/> 325-M-11-R7	Condition(s): A109 Description: H1'15 Semi-Annual Emission Report
G. <input type="checkbox"/>	Requirement of an Enforcement Action	NOV No. <input type="checkbox"/> : or SFO No. <input type="checkbox"/> or CD No. <input type="checkbox"/> : or Other <input type="checkbox"/> :	Section(s): Description:

SECTION IV - CERTIFICATION			
After reasonable inquiry, I <u>Frank Gallegos</u> certify that the information in this submittal is true, accurate and complete. (name of reporting official)			
® Signature of Reporting Official: 	® Title: NM Site EHS Manager	® Date 8/12/15	® Responsible Official for Title <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Reviewed By: _____

Date Reviewed: _____



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:

- 1) The monthly rolling 12 month total emissions of NO_x, CO, SO₂, TSP/PM10/PM2.5, VOC, individual and total HAPs.
 - o 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

Enclosure

Intel Corporation, New Mexico Site Semi-Annual Report H1-2015

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 _x	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 ₂	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 ₁₀	9.9	10.0	10.0	10.0	10.0	9.9
PM _{2.5}	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)	Emissions (TPY)
HCl	0.04	0.16
HF	0.34	1.49
Cl ₂	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.