



September 2, 2016

Ms. Katherine Koster
State of Michigan, Department of Environmental Quality
Air Quality Division, Southeast District
3058 W. Grand Blvd, Suite 2-300
Detroit, MI 48202

SENT VIA ELECTRONIC MAIL AND CERTIFIED MAIL

**SUBJECT: United States Steel Corporation – Great Lakes Works, SRN A7809
Addendum to VN Response dated June 23, 2016**

Dear Ms. Koster,

Per your request, U. S. Steel – Great Lakes Works (U. S. Steel) is providing a supplement to its prior response to the violation notice (VN) dated May 27, 2016 from the Michigan Department of Environmental Quality (MDEQ) regarding the No. 2 BOP Shop Roof Monitor and the B2 Blast Furnace..

No. 2 BOP Roof Monitor – May 17, 2016

U. S. Steel expedited repairs to the sand seal which were completed the same day the observation was made by MDEQ. To minimize the likelihood of reoccurrence, U.S. Steel is conducting monthly inspections of the primary emission capture system, including the sand seal, at the No. 2 BOP .

No. 2 BOP Roof Monitor – March 30, 2016

The permanent repairs made on April 5, 2016 were as follows: Monarch Welding repaired the top louver and third louver from the top. The bolts that attach the louver to the drive shaft had failed. These bolts were replaced on the 5th and the louvers operated properly after. To minimize the likelihood of reoccurrence, U.S. Steel is inspecting the louvers for each vessel on a monthly basis.

B2 Blast Furnace – Operating & Maintenance – May 27, 2016

U. S. Steel noted that we have previously conducted both certified and non-certified observations when casting without a baghouse. Based on our visible emission observations (both certified and non-certified) under similar conditions (including casting when the baghouse was not in operation), U. S. Steel is able to certify compliance with the applicable opacity standard. For example, on October 31, 2012, due to a power loss at Zug Island, during otherwise normal operations at the blast furnace and casthouse, the casthouse baghouse was not able to be operated during the power outage during a B2 cast, and the emissions from the casthouse roof monitor were well within the opacity permit limit with a reasonable margin allowing for operational

Visual Determination of Opacity

DATE 10-31-12

FACILITY 04 BLAST FCR CAST HSE ROOF

Start Time 4:30 P.M. End Time 5:00 P.M.

OBSERVER P. Krystjalek - Vodka Water

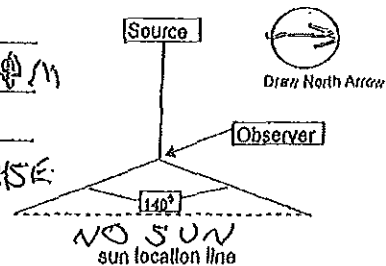
LOCATION E.I. USS GLW

Wind Direction and Speed W 5-15 Sky Condition CLOUDY Temp: 43°

OBSERVER'S LOCATION E 25 YDS FROM BG HSE

Comments: POWER OUTAGE

BACKGROUND



HOUR	MIN	SECONDS				Comments	HOUR	MIN	SECONDS				Comments
		0	15	30	45				0	15	30	45	
5:00	0	0	0	0	0	END V.E.O.	4:30	30	10	10	15	10	START V.E.O.
	1							31	10	10	10	5	
	2							32	5	5	5	10	
	3							33	5	5	5	10	
	4							34	10	10	15	15	
	5							35	5	10	10	15	
	6							36	15	15	15	15	
	7							37	10	10	10	5	
	8							38	5	5	5	5	
	9							39	5	5	5	5	
	10							40	0	5	0	0	
	11							41	0	0	0	0	
	12							42	5	5	10	20	
	13							43	30	30	35	35	14% 6 min
	14							44	35	20	15	10	
	15							45	10	10	10	5	
	16							46	5	5	5	5	
	17							47	5	10	5	5	
	18							48	5	5	5	5	
	19							49	0	5	5	5	
	20							50	5	10	10	10	
	21							51	10	5	5	5	
	22							52	0	0	0	0	
	23							53	0	0	0	0	
	24							54	0	0	0	0	
	25							55	0	0	0	0	
	26							56	5	5	5	5	
	27							57	0	0	0	0	
	28							58	0	0	0	0	
	29							59	0	0	0	0	