

DEPARTMENT OF ENVIRONMENTAL QUALITY  
 AIR QUALITY DIVISION  
 ACTIVITY REPORT: Scheduled Inspection

B096525134

FACILITY: MCC - NORWAY INC		SRN / ID: B0965
LOCATION: 512 NINTH AVE, NORWAY		DISTRICT: Upper Peninsula
CITY: NORWAY		COUNTY: DICKINSON
CONTACT: KELLY MARTIN , PRODUCTION SERVICES COORDINATOR		ACTIVITY DATE: 05/14/2014
STAFF: Ed Lancaster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: Conducted an unannounced, scheduled inspection.		
RESOLVED COMPLAINTS:		

I arrived at the plant and met with Mr. Mike Julian, Plant Manager. Mr. Julian was on his way to a meeting and asked Ms. Kelly Martin to assist me with my inspection. Ms. Martin maintains all of the records the company is required to keep. Ms. Martin called Mr. Tom Renier, Plant Forman, and Mr. Dave Verley, Maintenance Supervisor to assist me on the plant-side of the inspection. MCC-Norway is operating under Title V permit MI-ROP-B0965-2013.

Ms. Martin said the company is operating on a week-by-week basis as much of their production is being taken over by their plant in Indiana. On the day of the inspection, only Press #7 was operating. Press #6 doesn't operate at all and #5 is operated on a quarterly basis, if at all. Ms. Martin and I went through the required recording-keeping and then I was excorted through the plant to observe the operations.

EUCHRPLT1 is a totally enclosed chrome plating tank with a chrome mist eliminator/fume exhaust scrubber and HEPA filter. The company conducted a stack test February 7, 2013, the results of which showed their average emissions were 0.007 mg chromium/dscm, well below the limit of 0.030 in Special Condition (SC) Nos. I.1. and V.1. The pressure drops across the mist eliminator was 0.8 inches of water and 1.3 inches of water across the HEPA filter (SC Nos. III.1-3). A notebook is kept in Mr. Verley's office where daily readings (back to 2005) of the pressure drop across the composite mesh-pad scrubber control (SC No. VI.1). The company is in compliance with all of their Reporting and Other Requirements identified in SC Nos. VII and IX.

EUDISTWASH is a combined automated solvent parts washer and distilation unit controlled by EUCONTROLSYSTEM. During the inspection the unit was not used and the cover completely covered the openings (SC No. III.2). According to Ms. Martin the unit uses ethylacetate as the cleaning solvent (SC No. III.2). The EUDISTWASH is located in a Permanent Total Enclosure (PTE), under negative pressure and all emissions are exhausted to EUCONTOLSYSTEM, a thermal oxidizer (SC Nos. IV. 1 and 2, respectively). Based on my observations it is apparent the company is maintaining their equipment in good working condition (SC No. VI.1) and all records are being kept (see attachment) per SC Nos. VI.2-4.

FGPRINTING consists of rotogravue presses 5, 6 and 7 controlled by the PTE (SC Nos. III.3 and IV.1 and 2) with two regenerative thermal oxidizers (RTOs). Typically only one RTO needs to be operating to meet their emission limits. The company's 12-month VOC rolling average for 2013 was 17.5 tons, well below the limit of SC No. I.1 of 168.5 tons. All waste materials are captured and stored as required by SC Nos. III.1 and 2. At this time the AQD has not requested testing of FGPRINTING (SC No, V.1 and 2). As mentioned previously, the company is in compliance with the MONITORING/RECORDKEEPING requirements of this flexible group.

The company remains in compliance with the FGPRINTINGMACT, 40 CFR, Part 63, Subpart KK.

NAME Ed Lancaster DATE 7/14/14 SUPERVISOR \_\_\_\_\_

Rec'd 5/14/14  
EDZ

MCC-Norway, Inc.		Reporting Period													
State Registration Number: 50965		MONTHLY TOTALS													
		Permit Limit	12-Mon rolling total	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013	Jul 2013	Jun 2013	May 2013	Apr 2013	Mar 2013	Feb 2013	Jan 2013
Press Materials - VOC	lbs		1,989,493.30	124,386.20	102,350.10	197,152.30	150,738.30	169,711.60	164,704.40	145,195.20	135,197.50	190,928.40	166,976.20	167,417.80	174,735.10
Press Materials - HAPS	lbs		392,812.80	27,712.50	17,846.10	47,596.90	32,779.00	41,677.40	35,790.10	30,398.70	23,928.20	38,559.80	26,581.10	34,665.80	35,277.20
VOC Control Efficiency	%			98.20	98.20	98.20	98.20	98.20	98.20	98.20	98.20	98.20	98.20	98.20	98.20
Press VOC Emissions	tons		17.01	1.12	0.92	1.77	1.36	1.53	1.48	1.31	1.22	1.72	1.50	1.51	1.57
Press HAP Emissions	tons		3.54	0.25	0.16	0.43	0.30	0.38	0.32	0.27	0.22	0.35	0.24	0.31	0.32
Makeready VOC Usage	lbs		27,022.50	2,332.50	1,275.00	1,950.00	2,715.00	2,287.50	2,602.50	2,550.00	1,612.50	2,325.00	3,037.50	1,350.00	2,985.00
Makeready Control Efficiency	%			96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20
Makeready VOC Emissions	tons		0.51	0.04	0.02	0.04	0.05	0.04	0.05	0.05	0.03	0.04	0.06	0.03	0.06
FGPRINTING VOC Emissions	tons	168.50	17.5188672	1.16	0.95	1.81	1.41	1.57	1.53	1.36	1.25	1.76	1.56	1.53	1.63
Renzmann Ink Recycling	lbs		306,703.40	21,266.30	20,854.30	27,613.40	24,232.90	27,226.10	25,925.20	21,033.30	24,352.40	29,934.70	27,988.80	29,581.80	26,694.20
Renzmann Still Bottoms	lbs		29,044.20	2,097.40	1,704.40	2,611.70	2,229.70	3,086.40	2,667.30	2,134.60	2,219.80	3,057.50	2,158.80	2,919.80	2,156.80
Renzmann Operating Hours	hrs		5,640.00	384.00	384.00	480.00	456.00	528.00	480.00	360.00	432.00	552.00	528.00	528.00	528.00
Renzmann VOC Consumption	lbs		260,058.75	17,986.10	17,831.45	23,415.63	20,583.28	22,805.97	21,865.67	17,755.94	20,696.27	25,259.61	24,002.58	25,017.73	22,838.54
Renzmann Control Efficiency	%			96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20	96.20
EUDISTWASH VOC Emissions	tons	8.90	4.94	0.34	0.34	0.44	0.39	0.43	0.42	0.34	0.39	0.48	0.46	0.48	0.43
EUDISTWASH VOC Emissions	lbs/hr			1.78	1.76	1.85	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Chromic Acid flake	lbs			0.00	110.00	0.00	0.00	110.00	0.00	0.00	0.00	110.00	0.00	110.00	110.00
Notes:															
1. The term "Press" refers to Emission Unit IDs EUPRESS5, EUPRESS6, and EUPRESS7															
2. The term "Makeready" refers to Emission Unit ID EUCLEANUP															
3. Emissions from EUPRESS5, EUPRESS6, EUPRESS7 and EUCLEANUP are totaled as FGPRINTING															
4. The term "Renzmann" refers to Emission Unit ID EUDISTWASH															
5. Emission limits shown are those contained in Permit to Install No. 144-05															