

## Shift Overall Equipment Effectiveness Report

Cincinnati Plant

Loveland, Ohio

Date: 05/01/2006 To 05/30/2006

Machine(s) Selected: B-01

Mach	Date	SH	Run Time	Down Time	Percent Down	Good Production	Scrap Production	Percent Scrap	Percent Up Time	Percent Good	Cycle Eff	Yield Eff	Overall Equipment Eff
<b>Department</b>	<b>Injection</b>	<b>- Injection Molding</b>											
B-01	05/05/2006	1	0:27	0:09	25.3	1,600	100	5.9	74.7	94.1	212.1	77.7	70.3
B-01	05/05/2006	2	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/06/2006	3	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/06/2006	1	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/06/2006	2	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/07/2006	3	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/07/2006	1	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/07/2006	2	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/08/2006	3	8:00	0:00	0.0	30,900	0	0.0	100.0	100.0	211.7	113.0	100.0
B-01	05/08/2006	1	7:31	0:28	5.9	28,802	250	0.9	94.1	99.1	211.6	105.4	93.3
B-01	05/08/2006	2	7:38	0:19	4.0	15,118	50	0.3	96.0	99.7	108.4	55.6	95.7
B-01	05/09/2006	3	8:00	0:00	0.0	15,432	0	0.0	100.0	100.0	105.4	56.5	100.0
B-01	05/09/2006	1	7:18	0:34	7.1	13,963	125	0.9	92.9	99.1	105.4	103.0	92.0
B-01	05/09/2006	2	8:00	0:00	0.0	17,976	0	0.0	100.0	100.0	105.4	130.4	100.0
B-01	05/10/2006	3	8:00	0:00	0.0	30,852	0	0.0	100.0	100.0	105.4	223.6	100.0
B-01	05/10/2006	1	2:54	5:02	63.4	20,886	150	0.7	36.6	99.3	105.4	152.7	36.3
B-01	05/10/2006	2	8:00	0:00	0.0	17,566	50	0.3	100.0	99.7	106.2	127.3	99.7
B-01	05/11/2006	3	8:00	0:00	0.0	30,984	0	0.0	100.0	100.0	105.4	224.6	100.0
B-01	05/11/2006	1	7:20	0:40	8.3	28,502	40	0.1	91.7	99.9	105.4	206.7	91.6
B-01	05/11/2006	2	7:25	0:33	6.8	23,700	0	0.0	93.2	100.0	105.4	172.6	93.2
B-01	05/12/2006	3	8:00	0:00	0.0	22,860	0	0.0	100.0	100.0	105.4	165.7	100.0
B-01	05/12/2006	1	6:17	1:43	21.4	22,910	60	0.3	78.6	99.7	105.4	166.3	78.4
B-01	05/12/2006	2	8:01	0:00	0.0	22,980	0	0.0	100.0	100.0	105.4	166.4	100.0
B-01	05/13/2006	3	8:00	0:00	0.0	25,720	0	0.0	100.0	100.0	105.4	186.4	100.0
B-01	05/13/2006	1	8:00	0:00	0.0	25,730	0	0.0	100.0	100.0	105.4	186.6	100.0
B-01	05/13/2006	2	8:00	0:00	0.0	25,740	0	0.0	100.0	100.0	105.4	186.5	100.0
B-01	05/14/2006	3	8:00	0:00	0.0	25,730	0	0.0	100.0	100.0	105.4	186.6	100.0

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B-01	05/14/2006	1	8:00	0:00	0.0	25,730	0	0.0	100.0	100.0	105.4	186.5	100.0
B-01	05/14/2006	2	7:59	0:00	0.0	25,710	0	0.0	100.0	100.0	105.4	186.9	100.0
B-01	05/15/2006	3	8:01	0:00	0.0	25,740	0	0.0	100.0	100.0	105.4	186.1	100.0
B-01	05/15/2006	1	7:54	0:01	0.1	25,460	120	0.5	99.9	99.5	105.4	186.8	99.4
B-01	05/15/2006	2	8:04	0:00	0.0	15,070	0	0.0	100.0	100.0	105.4	108.3	100.0
B-01	05/16/2006	3	8:00	0:00	0.0	25,510	0	0.0	100.0	100.0	105.4	185.0	100.0
B-01	05/16/2006	1	7:59	0:01	0.2	25,690	10	0.0	99.8	100.0	105.4	186.5	99.8
B-01	05/16/2006	2	8:00	0:00	0.0	13,540	0	0.0	100.0	100.0	105.4	98.1	100.0
B-01	05/17/2006	3	8:00	0:00	0.0	25,740	0	0.0	100.0	100.0	105.4	186.7	100.0
B-01	05/17/2006	1	6:46	1:13	15.3	23,700	60	0.3	84.7	99.7	105.4	171.9	84.5
B-01	05/17/2006	2	7:52	0:04	0.9	23,550	0	0.0	99.1	100.0	105.4	172.1	99.1
B-01	05/18/2006	3	8:00	0:00	0.0	24,140	0	0.0	100.0	100.0	105.4	175.1	100.0
B-01	05/18/2006	1	8:00	0:00	0.0	26,225	16	0.1	100.0	99.9	105.4	178.4	99.9
B-01	05/18/2006	2	7:54	0:01	0.3	30,696	0	0.0	99.7	100.0	105.4	210.7	99.7
B-01	05/19/2006	3	8:01	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	104.7	100.0
B-01	05/19/2006	1	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/19/2006	2	8:00	0:00	0.0	15,432	0	0.0	100.0	100.0	105.4	105.0	100.0
B-01	05/20/2006	3	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.0	100.0
B-01	05/20/2006	1	8:00	0:00	0.0	15,432	0	0.0	100.0	100.0	105.4	105.0	100.0
B-01	05/20/2006	2	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.0	100.0
B-01	05/21/2006	3	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.0	100.0
B-01	05/21/2006	1	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/21/2006	2	8:00	0:00	0.0	15,456	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/22/2006	3	7:59	0:00	0.0	15,432	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/22/2006	1	7:43	0:17	3.6	14,904	0	0.0	96.4	100.0	105.3	101.2	96.4
B-01	05/22/2006	2	8:00	0:00	0.0	15,348	96	0.6	100.0	99.4	105.4	104.4	99.4
B-01	05/23/2006	3	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/23/2006	1	7:46	0:12	2.4	14,988	0	0.0	97.6	100.0	105.4	102.5	97.6
B-01	05/23/2006	2	8:01	0:00	0.0	15,468	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/24/2006	3	7:59	0:00	0.0	15,420	0	0.0	100.0	100.0	105.4	105.1	100.0

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B-01	05/24/2006	1	8:01	0:00	0.0	15,250	230	1.5	100.0	98.5	105.4	103.5	98.5
B-01	05/24/2006	2	8:00	0:00	0.0	15,456	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/25/2006	3	8:00	0:00	0.0	15,444	0	0.0	100.0	100.0	105.4	105.1	100.0
B-01	05/25/2006	1	6:23	1:37	20.2	12,212	100	0.8	79.8	99.2	105.0	83.0	79.1
B-01	05/25/2006	2	0:00	4:09	100.0	0	0	N/A	0.0	N/A	N/A	0.0	0.0
B-01	05/30/2006	1	5:44	0:02	0.5	11,076	0	0.0	99.5	100.0	105.4	104.6	99.5
B-01	05/30/2006	2	8:01	0:00	0.0	15,480	0	0.0	100.0	100.0	105.4	105.1	100.0
<b>B-01</b>			<b>480:58</b>	<b>17:05</b>	<b>3.4</b>	<b>1,331,658</b>	<b>1,457</b>	<b>0.1</b>	<b>96.6</b>	<b>99.9</b>	<b>121.3</b>	<b>129.2</b>	<b>96.5</b>
<b>Injection</b>			<b>480:58</b>	<b>17:05</b>	<b>3.4</b>	<b>1,331,658</b>	<b>1,457</b>	<b>0.1</b>	<b>96.6</b>	<b>99.9</b>	<b>121.3</b>	<b>129.2</b>	<b>96.5</b>
<b>Grand Totals</b>			<b>480:58</b>	<b>17:05</b>	<b>3.4</b>	<b>1,331,658</b>	<b>1,457</b>	<b>0.1</b>	<b>96.6</b>	<b>99.9</b>	<b>121.3</b>	<b>129.2</b>	<b>96.5</b>