



Medline Industries, Inc.  
www.medline.com

**Northpoint Services**  
1160 South Northpoint Blvd.  
Waukegan, Illinois 60685

1-224-572-6431

January 26, 2023

Illinois Environmental Protection Agency  
Bureau of Air  
Compliance Section (#40)  
1021 North Grand Avenue, East  
P.O. Box 19276  
Springfield, IL 62794-9276

Telephone: 217/782-5811  
I.D. No.: 097190AFG  
Application No.: 19020013

As required in Section 10. a. i., of the Construction Permit, the daily, monthly and annual rolling emissions of ethylene oxide (EO) are listed in the tables below beginning on the following page:



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| Date       | Emissions<br>Daily-Lbs EO | Emissions<br>Monthly-Lbs<br>EO (Limit:<br>15Lb/Mo) | Calendar<br>Emissions<br>Annual-Lbs EO<br>(Limit: 150<br>Lb/Yr) |
|------------|---------------------------|----------------------------------------------------|-----------------------------------------------------------------|
| 10/1/2022  | 0.1523                    | 0.1523                                             | 50.9689                                                         |
| 10/2/2022  | 0.4842                    | 0.6365                                             | 51.4531                                                         |
| 10/3/2022  | 0.2302                    | 0.8667                                             | 51.6833                                                         |
| 10/4/2022  | 0.2084                    | 1.0751                                             | 51.8917                                                         |
| 10/5/2022  | 0.1065                    | 1.1816                                             | 51.9982                                                         |
| 10/6/2022  | 0.1912                    | 1.3728                                             | 52.1894                                                         |
| 10/7/2022  | 0.1787                    | 1.5515                                             | 52.3681                                                         |
| 10/8/2022  | 0.1070                    | 1.6585                                             | 52.4751                                                         |
| 10/9/2022  | 0.1983                    | 1.8568                                             | 52.6734                                                         |
| 10/10/2022 | 0.1171                    | 1.9739                                             | 52.7905                                                         |
| 10/11/2022 | 0.1900                    | 2.1639                                             | 52.9805                                                         |
| 10/12/2022 | 0.1597                    | 2.3236                                             | 53.1402                                                         |
| 10/13/2022 | 0.1081                    | 2.4317                                             | 53.2483                                                         |
| 10/14/2022 | 0.1086                    | 2.5403                                             | 53.3569                                                         |
| 10/15/2022 | 0.2414                    | 2.7817                                             | 53.5983                                                         |
| 10/16/2022 | 0.2989                    | 3.0806                                             | 53.8972                                                         |
| 10/17/2022 | 0.3001                    | 3.3807                                             | 54.1973                                                         |
| 10/18/2022 | 0.2244                    | 3.6051                                             | 54.4217                                                         |
| 10/19/2022 | 0.3043                    | 3.9094                                             | 54.7260                                                         |
| 10/20/2022 | 0.2057                    | 4.1151                                             | 54.9317                                                         |
| 10/21/2022 | 0.3022                    | 4.4173                                             | 55.2339                                                         |
| 10/22/2022 | 0.4724                    | 4.8897                                             | 55.7063                                                         |
| 10/23/2022 | 0.4955                    | 5.3852                                             | 56.2018                                                         |
| 10/24/2022 | 0.2949                    | 5.6801                                             | 56.4967                                                         |
| 10/25/2022 | 0.1924                    | 5.8725                                             | 56.6891                                                         |
| 10/26/2022 | 0.2248                    | 6.0973                                             | 56.9139                                                         |
| 10/27/2022 | 0.1790                    | 6.2763                                             | 57.0929                                                         |
| 10/28/2022 | 0.2818                    | 6.5581                                             | 57.3747                                                         |
| 10/29/2022 | 0.5725                    | 7.1306                                             | 57.9472                                                         |
| 10/30/2022 | 0.5395                    | 7.6701                                             | 58.4867                                                         |



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| Date       | Emissions<br>Daily-Lbs EO | Emissions<br>Monthly-Lbs<br>EO (Limit:<br>15Lb/Mo) | Calendar<br>Emissions<br>Annual-Lbs EO<br>(Limit: 150<br>Lb/Yr) |
|------------|---------------------------|----------------------------------------------------|-----------------------------------------------------------------|
| 10/31/2022 | 0.3296                    | 7.9997                                             | 58.8163                                                         |
| 11/1/2022  | 0.1800                    | 0.1800                                             | 58.9963                                                         |
| 11/2/2022  | 0.1228                    | 0.3028                                             | 59.1191                                                         |
| 11/3/2022  | 0.1965                    | 0.4993                                             | 59.3156                                                         |
| 11/4/2022  | 0.2184                    | 0.7177                                             | 59.5340                                                         |
| 11/5/2022  | 0.2183                    | 0.9360                                             | 59.7523                                                         |
| 11/6/2022  | 0.1327                    | 1.0687                                             | 59.8850                                                         |
| 11/7/2022  | 0.1115                    | 1.1802                                             | 59.9965                                                         |
| 11/8/2022  | 0.1173                    | 1.2975                                             | 60.1138                                                         |
| 11/9/2022  | 0.1538                    | 1.4513                                             | 60.2676                                                         |
| 11/10/2022 | 0.1347                    | 1.5860                                             | 60.4023                                                         |
| 11/11/2022 | 0.2090                    | 1.7950                                             | 60.6113                                                         |
| 11/12/2022 | 0.2189                    | 2.0139                                             | 60.8302                                                         |
| 11/13/2022 | 0.2622                    | 2.2761                                             | 61.0924                                                         |
| 11/14/2022 | 0.1949                    | 2.4710                                             | 61.2873                                                         |
| 11/15/2022 | 0.0734                    | 2.5444                                             | 61.3607                                                         |
| 11/16/2022 | 0.1296                    | 2.6740                                             | 61.4903                                                         |
| 11/17/2022 | 0.1111                    | 2.7851                                             | 61.6014                                                         |
| 11/18/2022 | 0.0961                    | 2.8812                                             | 61.6975                                                         |
| 11/19/2022 | 0.2256                    | 3.1068                                             | 61.9231                                                         |
| 11/20/2022 | 0.3895                    | 3.4963                                             | 62.3126                                                         |
| 11/21/2022 | 0.1607                    | 3.6570                                             | 62.4733                                                         |
| 11/22/2022 | 0.1189                    | 3.7759                                             | 62.5922                                                         |
| 11/23/2022 | 0.2644                    | 4.0403                                             | 62.8566                                                         |
| 11/24/2022 | 0.0533                    | 4.0936                                             | 62.9099                                                         |
| 11/25/2022 | 0.0223                    | 4.1159                                             | 62.9322                                                         |
| 11/26/2022 | 0.0492                    | 4.1651                                             | 62.9814                                                         |
| 11/27/2022 | 0.0820                    | 4.2471                                             | 63.0634                                                         |
| 11/28/2022 | 0.0405                    | 4.2876                                             | 63.1039                                                         |
| 11/29/2022 | 0.0298                    | 4.3174                                             | 63.1337                                                         |
| 11/30/2022 | 0.0626                    | 4.3800                                             | 63.1963                                                         |
| 12/1/2022  | 0.0953                    | 4.4753                                             | 63.2916                                                         |
| 12/2/2022  | 0.1144                    | 4.5897                                             | 63.4060                                                         |



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| <b>Date</b> | <b>Emissions<br/>Daily-Lbs EO</b> | <b>Emissions<br/>Monthly-Lbs<br/>EO (Limit:<br/>15Lb/Mo)</b> | <b>Calendar<br/>Emissions<br/>Annual-Lbs EO<br/>(Limit: 150<br/>Lb/Yr)</b> |
|-------------|-----------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------|
| 12/3/2022   | 0.0545                            | 4.6442                                                       | 63.4605                                                                    |
| 12/4/2022   | 0.2011                            | 4.8453                                                       | 63.6616                                                                    |
| 12/5/2022   | 0.1113                            | 4.9566                                                       | 63.7729                                                                    |
| 12/6/2022   | 0.0977                            | 5.0543                                                       | 63.8706                                                                    |
| 12/7/2022   | 0.0616                            | 5.1159                                                       | 63.9322                                                                    |
| 12/8/2022   | 0.0847                            | 5.2006                                                       | 64.0169                                                                    |
| 12/9/2022   | 0.0539                            | 5.2545                                                       | 64.0708                                                                    |
| 12/10/2022  | 0.1290                            | 5.3835                                                       | 64.1998                                                                    |
| 12/11/2022  | 0.2358                            | 5.6193                                                       | 64.4356                                                                    |
| 12/12/2022  | 0.1378                            | 5.7571                                                       | 64.5734                                                                    |
| 12/13/2022  | 0.0554                            | 5.8125                                                       | 64.6288                                                                    |
| 12/14/2022  | 0.0803                            | 5.8928                                                       | 64.7091                                                                    |
| 12/15/2022  | 0.1108                            | 6.0036                                                       | 64.8199                                                                    |
| 12/16/2022  | 0.0290                            | 6.0326                                                       | 64.8489                                                                    |
| 12/17/2022  | 0.0318                            | 6.0644                                                       | 64.8807                                                                    |
| 12/18/2022  | 0.0763                            | 6.1407                                                       | 64.9570                                                                    |
| 12/19/2022  | 0.0757                            | 6.2164                                                       | 65.0327                                                                    |
| 12/20/2022  | 0.0473                            | 6.2637                                                       | 65.0800                                                                    |
| 12/21/2022  | 0.0842                            | 6.3479                                                       | 65.1642                                                                    |
| 12/22/2022  | 0.0522                            | 6.4001                                                       | 65.2164                                                                    |
| 12/23/2022  | 0.1055                            | 6.5056                                                       | 65.3219                                                                    |
| 12/24/2022  | 0.0386                            | 6.5442                                                       | 65.3605                                                                    |
| 12/25/2022  | 0.0226                            | 6.5668                                                       | 65.3831                                                                    |
| 12/26/2022  | 0.0362                            | 6.6030                                                       | 65.4193                                                                    |
| 12/27/2022  | 0.0517                            | 6.6547                                                       | 65.4710                                                                    |
| 12/28/2022  | 0.0405                            | 6.6952                                                       | 65.5115                                                                    |
| 12/29/2022  | 0.0751                            | 6.7703                                                       | 65.5866                                                                    |
| 12/30/2022  | 0.0501                            | 6.8204                                                       | 65.6367                                                                    |
| 12/31/2022  | 0.0792                            | 6.8996                                                       | 65.7159                                                                    |



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Additionally, as required by Section 10 a. ii., no changes to the emission monitoring system to improve the limit of quantification of the system were done.

Lastly, as required by Section 10 a. iii., the annual stack testing of the emission control system for ethylene oxide was successfully conducted on October 12-14, 2022.

If you have any questions regarding this report, please contact me at 224-572-6437.

Clay Durbin  
Plant Manager  
Medline Industries, Inc.  
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