

## 2025 AIST North American Blast Furnace Roundup

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| Company and location  | Furnace characteristics |                  |                                  |                 |         |          |                | Burden       |        |          |                               |       |                        |
|---|-------------------------|------------------|----------------------------------|-----------------|---------|----------|----------------|--------------|--------|----------|-------------------------------|-------|------------------------|
|   | Furnace ID              | Hearth diam. (m) | Working volume (m <sup>3</sup> ) | Charging method | Tuyeres | Tapholes | Fluxed pellets | Acid pellets | Sinter | Lump ore | Reverts with Fe and Fe oxides | Scrap | DBI, HBI, New Fe units |
| <b>Canada</b>   |                         |                  |                                  |                 |         |          |                |              |        |          |                               |       |                        |
| <a href="#">Algoma Steel Inc.</a><br>Sault Ste. Marie, Ont.                                 | 7                       | 10.67            | 2,478                            | Skip            | 28      | 2        | Yes            | Yes          | —      | —        | —                             | —     | —                      |
| <a href="#">ArcelorMittal North America</a><br>ArcelorMittal Dofasco G.P.<br>Hamilton, Ont. | 2                       | 7.33             | 1,062                            | Belt            | 15      | 2        | Yes            | Yes          | —      | —        | Yes                           | —     | —                      |
|   | 3                       | 6.61             | 925                              | Skip            | 14      | 1        | —              | —            | —      | —        | —                             | —     | —                      |
|   | 4                       | 8.53             | 1,595                            | Skip            | 20      | 2        | Yes            | Yes          | —      | —        | Yes                           | —     | —                      |
| <a href="#">Stelco Inc.</a><br>Lake Erie Works<br>Nanticoke, Ont.                           | 1                       | 10.29            | 2,418                            | Belt            | 24      | 2        | Yes            | Yes          | —      | —        | Yes                           | Yes   | —                      |
| <b>Mexico</b>   |                         |                  |                                  |                 |         |          |                |              |        |          |                               |       |                        |
| <a href="#">Altos Hornos de Mexico</a><br>Monclova, Coah.                                   | 5                       | 11.20            | 2,210                            | Belt            | 28      | 2        | —              | —            | —      | —        | —                             | —     | —                      |
|   | 6                       | 8.41             | 1,392                            | Belt            | 22      | 2        | —              | —            | —      | —        | —                             | —     | —                      |
| <a href="#">ArcelorMittal Mexico</a><br>Lázaro Cárdenas, Mich.                              | 1                       | 8.99             | 1,712                            | Belt            | 24      | 2        | Yes            | Yes          | —      | Yes      | Yes                           | —     | —                      |
| <b>United States</b>  |                         |                  |                                  |                 |         |          |                |              |        |          |                               |       |                        |
| <a href="#">Cleveland-Cliffs Inc.</a><br>Burns Harbor, Ind.                                 | C                       | 10.73            | 2,645                            | Belt            | 28      | 2        | Yes            | Yes          | —      | —        | Yes                           | Yes   | —                      |
|   | D                       | 10.70            | 2,645                            | Belt            | 28      | 2        | —              | Yes          | —      | —        | Yes                           | Yes   | —                      |
| Cleveland Works<br>Cleveland, Ohio  | 5                       | 8.99             | 1,546                            | Skip            | 18      | 2        | —              | Yes          | —      | —        | Yes                           | Yes   | Yes                    |
|   | 6                       | 8.99             | 1,598                            | Skip            | 18      | 1        | —              | Yes          | —      | —        | Yes                           | Yes   | Yes                    |
| Dearborn Works<br>Dearborn, Mich.   | C                       | 9.22             | 1,797                            | Belt            | 20      | 2        | Yes            | —            | —      | —        | Yes                           | Yes   | Yes                    |
| Indiana Harbor East<br>East Chicago, Ind.   | IH - 7                  | 13.72            | 4,037                            | Belt            | 40      | 4        | Yes            | —            | —      | Yes      | Yes                           | Yes   | Yes                    |
| Indiana Harbor West<br>East Chicago, Ind.   | IH - 3                  | 8.99             | 1,586                            | Skip            | 20      | 1        | —              | —            | —      | —        | —                             | —     | —                      |
|   | IH - 4                  | 9.98             | 2,044                            | Skip            | 24      | 2        | —              | —            | —      | —        | —                             | —     | —                      |
| Middletown Works<br>Middletown, Ohio  | 3                       | 9.17             | 1,493                            | Skip            | 20      | 2        | Yes            | Yes          | —      | —        | Yes                           | Yes   | Yes                    |
| <a href="#">United States Steel Corporation</a><br>Gary Works,<br>Gary, Ind.                | 4                       | 8.79             | 1,496                            | Skip            | 20      | 1        | Yes            | Yes          | Yes    | —        | Yes                           | Yes   | —                      |
|   | 6                       | 8.53             | 1,506                            | Skip            | 20      | 1        | Yes            | Yes          | Yes    | —        | Yes                           | Yes   | —                      |
|   | 8                       | 7.80             | 1,299                            | Skip            | 16      | 1        | Yes            | —            | Yes    | —        | Yes                           | Yes   | —                      |
|   | 14                      | 11.73            | 3,244                            | Skip            | 34      | 3        | Yes            | Yes          | Yes    | —        | Yes                           | —     | —                      |
| Granite City Works<br>Granite City, Ill.  | A                       | 8.31             | 1,435                            | Skip            | 18      | 1        | —              | —            | —      | —        | —                             | —     | —                      |
|   | B                       | 8.31             | 1,402                            | Skip            | 20      | 1        | —              | —            | —      | —        | —                             | —     | —                      |
| Great Lakes Works<br>Ecorse, Mich.  | B                       | 8.78             | 1,645                            | Skip            | 23      | 1        | —              | —            | —      | —        | —                             | —     | —                      |
|   | D                       | 8.53             | 1,666                            | Skip            | 24      | 1        | —              | —            | —      | —        | —                             | —     | —                      |
| Mon Valley Works<br>Edgar Thomson Plant<br>Braddock, Pa.                                    | 1                       | 8.79             | 1,541                            | Skip            | 20      | 1        | Yes            | Yes          | —      | —        | Yes                           | Yes   | —                      |
|   | 3                       | 7.70             | 1,380                            | Skip            | 16      | 1        | Yes            | Yes          | —      | —        | Yes                           | Yes   | —                      |

idle C (injectant type) · coal COG · coke oven gas NG · natural gas tHM · metric ton of hot metal WV · working volume