

2023 AIST North American Blast Furnace Roundup

Only North American blast furnaces are listed. Roundup data is based on actual 2022 operating data.

Company and location	Furnace ID	Furnace characteristics					Burden						
		Hearth dia. (m)	Working vol. (m ³)	Charging method	Tuyeres	Tapholes	Fluxed pellets	Acid pellets	Sinter	Lump ore	Reverts with Fe and Fe oxides	Scrap	DRI, HBI, new Fe units

Canada

Algoma Steel Inc. Sault Ste. Marie, Ont.	7	10.67	2,478	Skip	28	2	Yes	Yes	—	—	—	—	—
ArcelorMittal Dofasco G.P. 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	—	—
Stelco Inc. Lake Erie Works Nanticoke, Ont.	1	10.29	2,418	Belt	24	2	Yes	Yes	—	—	Yes	Yes	—

Mexico

AHMSA Monclova, Coah.	5	11.20	2,210	Belt	28	2	Yes	—	Yes	—	—	Yes	—
	6*	8.41	1,392	Belt	22	2	—	—	—	—	—	—	—
ArcelorMittal Mexico Lázaro Cárdenas, Mich.	1	8.99	1,712	Belt	24	2	Yes	Yes	—	Yes	Yes	—	Yes

United States

Cleveland-Cliffs Inc. Burns Harbor, Ind.	C	10.73	2,645	Belt	28	2	Yes	Yes	—	—	Yes	Yes	Yes
	D	10.70	2,645	Belt	28	2	Yes	Yes	—	—	Yes	Yes	Yes
Cleveland Works 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 Dearborn, Mich.	C	9.22	1,797	Belt	20	2	Yes	—	—	—	Yes	—	Yes
Indiana Harbor East East Chicago, Ind.	IH - 7	13.72	4,079	Belt	40	4	Yes	—	—	Yes	Yes	Yes	Yes
Indiana Harbor West East Chicago, Ind.	IH - 3*	8.99	1,586	Skip	20	1	—	—	—	—	—	—	—
	IH - 4	9.98	2,044	Skip	24	2	Yes	Yes	—	Yes	—	Yes	Yes
Middletown Works Middletown, Ohio	3	9.17	1,493	Skip	20	2	Yes	Yes	—	—	—	Yes	Yes
United States Steel Corporation Gary Works 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	Yes	—
	14	11.73	3,244	Skip	34	3	Yes	Yes	Yes	—	Yes	—	—
Granite City Works Granite City, Ill.	A*	8.31	1,435	Skip	18	1	—	—	—	—	—	—	—
	B	8.31	1,402	Skip	20	1	—	Yes	—	—	Yes	Yes	—
Great Lakes Works Ecorse, Mich.	B*	8.78	1,645	Skip	23	1	—	—	—	—	—	—	—
	D*	8.53	1,666	Skip	24	1	—	—	—	—	—	—	—
Mon Valley Works Edgar Thomson Plant Braddock, Pa.	1	8.79	1,541	Skip	20	1	Yes	Yes	—	Yes	Yes	Yes	—
	3	7.70	1,380	Skip	16	1	Yes	Yes	—	Yes	Yes	Yes	—

* = idled; C (injectant type) = coal; COG = coke oven gas; NG = natural gas; THM = metric ton of hot metal; WV = working volume.

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