2023 AIST DRI and HBI Roundup

AIST Roundup data is based on information submitted in the fourth quarter of 2022. Data is supplied by the AIST DRI Technology Committee and is intended for reference information only. No warranty is implied. Please send updates or corrections to Anna Voss at avoss@aist.org.

Company and location	Start-up year	Module	Rated capacity MTPA	Technology	Product type	Typical product metallization, %	Typical product carbon, %	Product use
Argentina								
ArcelorMittal Acindar SA Villa Constitucion, Santa Fe	1978	1	0.60	Midrex	CDRI	95.0	2.3	Captive
Tenaris Siderca Siderca Seamless Tubes Mill Campana, Buenos Aires	1976	1	0.61	Midrex	CDRI	95.5	2.4	Captive
Brazil								
Gerdau Usiba ⊘ Salvador, Bahia	1991	1 ⊘	0.30	HYL III	CDRI	93.0	2.8	Captive
Canada								
ArcelorMittal Long Products Canada Contrecoeur, Que.	1973	I	0.40	Midrex	CDRI	94.7	2.2	Captive
	1977	II	0.60	Midrex	CDRI	94.8	2.2	Captive
Germany								
ArcelorMittal Hamburg	1971	—	0.4	Midrex	CDRI	95.0	2.2	Captive
Mexico								
ArcelorMittal Mexico Lázaro Cárdenas, Mich.	1997	I	1.20	Midrex	CDRI	95.0	2.5	Captive
	1988	II A	0.50	HYL III	CDRI	94.0	2.6	Captive
	1988	II B	0.50	HYL III	CDRI	94.0	2.6	Captive
	1991	III A	0.50	HYL III	CDRI	94.0	2.6	Captive
	1991	III B	0.50	HYL III	CDRI	94.0	2.6	Captive
Ternium Mexico S.A. de C.V. Puebla, Pue.	1995	2P5	0.93	HYL III	CDRI	94.2	3.0	Captive
Monterrey, N.L.	1983	3M5	0.78	HYL-ZR	CDRI	94.5	3.8	Captive
	1998	4M	0.95	HYL-ZR	HDRI	94.8	3.8	Captive

⊘ idle CDRI · cold direct reduced iron HBI · hot briquetted iron HDRI · hot direct reduced iron