

Zinc/Zinc-Alloy/Aluminum Continuous Sheet Coating Lines - North America

Colour Code → Operating HD Lines

EG Lines

Under Construction

Idle Lines

METRIC (SI) VERSION  
(Master Sheet - CoatingLinesInLb sheet calculates sizes and tons from this sheet)

Producer	Location	Line ID	Date Built	Latest Rebuild	Thickness (mm)		Width (mm)		Furnace Type(*)	Annual Hot-Dip Capacity - 1000's of metric tonnes (k MT)						Total Company H-D MT	Annual EG Capacity - k MT				Roll Coatings	Est. Zn Usage: MT/yr.	Comments
					Min	Max	Min	Max		GI only	GA/GI	AZ	GF, ZM	Al, Al-Si	Combi.		Total	Zn	Zn-Ni	Zn-Fe			
ArcelorMittal	ArcelorMittal Dofasco G. P., Hamilton, ON	No.3	1967	2005	0.20	1.1	610	1321	H-DFRT	-	220	-	-	-	-	220	-	-	-	-	Cr6 CT	12,000	Gas fired GA furnace installed 1989
		No.4	1981	2016	0.25	2.31	610	1537	H-DFRT	100	-	136	-	-	-	236	-	-	-	-	Acrylic, Cr6 CT	6,300	Dual pots, cleaner for FH AZ, CMI Blowstab APC; new cleaner; furnace upgrades; new dg. Pot base dual roll coater
		No.5	1999	2003	0.51	2.1	863	1829	V-RT	-	490	-	-	-	-	490	-	-	-	-	Cr6 CT	7,300	Originally "DSG", a Dofasco/Sollac 80/20 JV; exposed GI & GA; AHSS
		No.6	2014	-	1.00	4.3	610	1651	H-DFRT	-	650	-	-	-	-	650	-	-	-	-	Cr6 CT	7,900	Began operating 2015 (GI, GA, HR HDG, AHSS)
	ArcelorMittal Windsor Windsor, ON	No.1	1993	2017	0.40	2.1	610	1829	V-DFRT	-	440	-	-	-	-	440	-	-	-	-	Prephos + Cr3, Cr6	6,000	100% AM Dofasco 2013, formerly JV with JFE Steel; formerly DNN Galvanizing renamed DJ Galvanizing Corp. in '04; premelt pot '97
AM Coteau-du-Lac Coteau-du-Lac, PQ	No. 1	1991	1995	0.23	3.4	610	1372	H-DFRT	-	230	-	-	-	-	230	-	-	-	-	-	7,000	Formerly Sorevco: 1kg ctg wt golf ball finish; induction GA, Cr <sup>3</sup> & Cr <sup>6</sup> CT	
AMNS Calvert (JV of Arcelor Mittal Steel and Nippon Steel Corp.)	Calvert (Mobile), AL	HDGL1	2011	2015	0.50	2.3	920	1870	V-RT	-	500	-	-	-	-	500	-	-	-	-	Pre-phos	14,600	GI, (Zn-Al-Mg?), GA; DEMCO e-mag stabilizer, 2 main pots; side trim; Drever furnace w/oxidation control chamber
		HDGL3	2012	2017	0.50	2.5	800	1670	V-RT	-	500	-	-	-	-	500	-	-	-	-	Pre-phos, CT	14,600	GI, GA (likely begins production 2014, after sale- included in totals); 2 main pots
		HDGL4	2011	2014	0.30	2.5	800	1670	L-DFRT	220	-	stop 2013	-	300	-	520	-	-	-	-	CT, Acrylic	7,700	GI, 55Al-Zn until 2013, Al-Si, CMI-EFCO; side trim; 2 main pots, 1 pre-melt; space for future 3rd main+ pre-melt. Alum. announced Apr '16
Big River Steel (JV, BRS & U. S. Steel)	Osceola, AR	HDGL	2016	-	0.36	3.0	900	1850	V-DF, H-RT	475	-	-	-	-	CAL capable	475	475	-	-	-	-	12,000	Construction line, SMS-Seimag, Drever, Fontaine; 49.9% U. S. Steel as of 10-31-19; can operate as a combination CAGL
Cleveland-Cliffs Inc.	AK Steel, Ashland, KY	No.3	1967	1982	0.43	2.0	610	1524	V-DFRT	-	0	-	-	-	-	0	-	-	-	-	-	0	Idle 11/11/2019: Induc. GA; N2 wipe; 336k MT/yr cap.; 14.3k T. Zn use
		Bums Harbor, IN	HDGL	1992	-	0.51	2.0	915	1829	V-RT	-	550	-	-	-	-	550	-	-	-	Prephos, CT	18,000	Induction GA; roll coater; entry & exit auto inspection
	Cleveland, OH	HDGL	2006	2013	0.55	2.5	990	1830	V-DFRT	-	650	-	-	-	-	650	-	-	-	CT	25,000	Converted 1000 fpm TV Calt to auto CGL; added GA '07; electromag. Stabilizer	
	Columbus, OH	HDGL	2000	2005	0.50	1.7	800	1829	V-RT	-	400	-	-	-	-	400	-	-	-	Prephos	19,950	L-S II EG line converted to CGL; 100% GA, 2 main pots + pre-melt; e-mag stabilizer	
	Dearborn, MI	HDGL	2011	2016	0.57	2.7	914	1829	V-RT	-	454	-	-	-	-	454	-	-	-	Pre-phos	11,000	Exposed GI, GA, HexMet™ AHSS; Severstal NA up to 2014	
	Indiana Harbor-West, East Chicago, IN	No.2	1963	2016	0.38	4.8	610	1830	H-DFRT	-	557	-	-	-	-	557	-	-	-	-	-	28,800	Gas fired GA; horizontal fce.; 577k MT cap.; 28.8 kT Zn
	Indiana Harbor-East, East Chicago, IN	5 CGL	1968	2004	0.51	2.5	610	1830	H-RT	-	0	-	-	-	-	0	-	-	-	-	-	0	Idle - Gas fired GA; hot bridge & new RT furnace 1997; ceramic tubes; formerly ISPAT-Inland; 376 kMT cap.
	AK Steel Middletown, OH	No.2 EG	1991	1995	0.48	1.9	1900	NA	NA	-	-	-	-	-	-	-	454	-	-	454	-	10,000	Gravitel process, 21 plating cells
		No.3	1961	2002	0.53	3.5	810	1880	H-DFRT	508	-	-	-	-	-	508	-	-	-	-	-	22,000	Nitrogen wiping; not automotive exposed
AK Steel, Rockport, IN	No.4	1971	-	0.38	3.5	610	1575	V-DFRT	-	-	-	-	426	-	426	-	-	-	-	-	0	2 coreless pots; Aluminized type I, II on C-steel & 40x stainless	
	COL	1998	2003	0.46	2.0	1040	2032	V-RT	-	907	-	-	-	-	907	-	-	-	Prephos	29,000	Max speed 750 fpm, coil wt.170,000 lb.; Widest N.A. Cig line		
Kote, New Carlisle, IN	KCGL	1991	2004	0.38	2.3	610	1829	V-RT	-	454	-	-	-	-	454	-	-	-	Prephos	7,800	In-line side trimmer; exposed GA; all GA		
	EG	1991	-	0.43	2.0	610	1829	NA	-	-	-	-	-	-	-	363	-	-	363	-	6,800	24 Gravitel plating cells; Ni flash in 25th	
California Steel Industries (CSI)	Fontana, CA	No.1	1966	1999	0.38	4.3	610	1524	H-DFRT	-	430	-	-	-	-	430	-	-	-	-	-	12,000	Subsidiary of JFE Steel and CVRD.
		No.2	1998	-	0.25	1.5	610	1321	V-DFRT	-	300	-	-	-	-	300	-	-	-	-	-	11,000	
Galvasid (Grupo Ind. L.M.)	Apodaca, NL, Mexico	No.1	2005	2019	0.18	1.90	610	1575	V-DFRT	160	-	180	-	-	-	340	340	-	-	-	-	6,200	
Gregory Industries	Canton, OH	No.1	1980	2018	0.76	4.57	51	495	L-IND	-	132	-	-	-	-	132	132	-	-	-	-	6,185	Cold line with preheat induction furnace; thick ctgs. no cut edge
Materials Science Corp. (MSC)	Canfield Metal Coating (CMC), Canfield, OH	EG	1957	2003	0.20	2.0	610	1219	NA	-	-	-	-	-	-	-	60	-	-	60	Organic & Inorganic	1,200	Orig. Wheeling-Pittsburgh until 2001; acquired by New Star Metals Jul-2013
	Electric Coating Technologies (ECT), East Chicago, IN	EG	1996	-	0.25	2.20	610	1829	NA	-	-	-	-	-	-	-	181	-	-	181	-	6,000	Able to coat UHSS up to 1585 MPa (230 ksi) yield strength; acquired by Insight Equity 2012; started as Metro Metals, 1996
	Rexdale (Toronto), ON	No.1 EG	1968	-	0.20	2.03	356	1524	NA	-	-	-	-	-	-	-	41	-	-	41	-	800	Can coat UHSS YS up to 1517 MPa (220 ksi)
	Walbridge, OH	No.1 EG	1986	-	0.46	2.5	610	1829	NA	-	-	-	-	-	-	-	263	100	-	363	Organic	7,300	Formerly Materials Sciences; was JV with ArcelorMittal; Gravitel plating process, 20 cells; can coat 1000 MPa AHSS
National Galvanizing L.P.	Monroe, MI	No.1	1984	2017	1.52	6.35	610	1219	H-DFRT	-	204	-	-	-	-	204	204	-	-	-	-	9,600	Push/Pull line - POG only, induction GA
NMLK Pennsylvania	Sharon, PA	No.2	1998	-	0.30	1.8	610	1524	L-DFRT	250	-	-	-	-	-	250	-	-	-	-	-	10,300	NMLK since 2011; formerly Sharon Coating, a 2008 JV of Duferco-Novolipetsk (NMLK) and Severstal; in past was Winner Steel
		No.3	2004	-	0.51	2.5	610	1829	L-DFRT	-	454	-	-	-	-	454	-	-	-	-	-	20,000	
Nucor Steel	Nucor Steel Arkansas, Blytheville (Hickman), AR	No.1	1999	-	0.30	2.7	762	1575	H-DFRT	544	-	-	-	-	-	544	-	-	-	-	-	20,000	Construction, HVAC
		No.2 CAGL	1H 2021	-	0.23	2.70	890	1900	V-DFRT	-	455	-	capable	-	CAL capable	455	-	-	-	-	-	-	13,000
	Nucor Steel Berkeley, Huger, SC	No.1	1998	2007	0.25	2.7	762	1676	V-DFRT	-	635	-	-	-	-	635	-	-	-	Acrylic	14,300	Robot skimmer, roll coater	
	Nucor Steel, possibly Berkeley*	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	* 2/17/20 Charleston Post-Courier: \$260M + \$30M construction of new C(A)GL, Huger, SC or eval. 3 locations
Nucor Steel Decatur LLC, Trifinity, AL	No.1	2009	-	0.51	6.3	762	1829	V-RT	-	544	-	-	-	-	544	-	-	-	-	-	18,000	Electromagnetic stabilizer	

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					Min	Max	Min	Max		GI only	GA/GI	AZ	GF, ZM	Al, Al-Si	Combi.		Total	Zn	Zn-Ni	Zn-Fe			
Nucor Steel Gallatin, Ghent, KY	Nucor Steel Indiana, Crawfordsville, IN	No.1 PAGL	2019	-	TBA	6.35	TBA	1854	H-IND-HTC	-	454	-	-	-	Pickle	454	400	-	-	-	-	13,500	Combined hot band pickling & vertical galvanizing; started coating 9/27/2019
		No.1	1993	-	0.38	3.3	762	1346	H-DFRT	318	-	-	-	-	-	318		-	-	-	-	10,000	Construction & appliance; coats Castrp Si-killed steel
Nucor-JFE Steel Mexico (NUSM)	Silao, Guanajuato, Mexico	No.1	2020	-	0.40	2.6	800	1850	V-RT	-	400	-	-	-	-	400	-	-	-	-	12,100	GI & GA automotive quality; start 5 Mar. 2020	
POSCO Mexico	Altamira, Mexico	CGL.1	2009	-	0.40	2.0	800	1900	V-RT	-	400	-	-	-	-	400	-	-	-	-	15,000	Exposed GA, GI and AHSS; premelt pot	
		CGL.2	2014	-	0.40	2.3	800	1860	V-RT	-	500	-	-	-	-	500	-	-	-	-	15,000	Start Jan. 2014; exposed GI & GA; AHSS 780; premelt pot	
Precoat Metals	Elkridge, MD	EG	?	?	0.18	1.6	508	1264	NA	-	-	-	-	-	-	-	64	-	-	64	1,400	Chesapeake Finished Metals (Precoat Metals division of Sequa); 2.90 sq. in max cross-section for EG	
Steel Dynamics Incorporated (SDI)	Butler, IN	No.1	1997	2018	1.02	4.2	914	1575	H-DFRT	-	544	-	-	-	-	544	-	-	-	-	14,000	2017 added cleaner, CR substrate to HRP, hot bridge, upgrades to Fce., motors, capacity increase	
		No.2	1997	-	0.25	1.9	914	1575	H-DFRT	-	327	-	-	-	-	327	-	-	-	-	14,000	CR substrate	
	Columbus, MS	No.1	2007	-	0.25	1.5	914	1829	V-RT	-	408	-	-	-	-	408	-	-	-	-	11,000	SMS-Siemag (former SeverCorr line)	
		No.2	2011	2016	0.46	3.3	914	1829	L-DFRT	163	-	186	-	-	-	349	-	-	-	-	8,500	Added 55Al-Zn capability to former SeverCorr GI-only line	
	Jeffersonville, IN	CGL.3	2020	-	0.33	4.07	914	1829	H-DFRT	363	0	-	-	-	Yes, T1	363	-	-	-	-	9,000	Began production July 2020, including Al-Si Type 1 aluminumized	
		-	1999	2007	0.30	1.1	890	1524	H-DFRT	91	-	181	-	-	-	272	-	-	-	-	6,600	2007; added AZ pot 2; NHR roll coater; former GalvPro JV	
	Sinton (Corpus Christi), TX	No. 1	2021	-	0.25	4.0	914	1930	H-DFRT	-	250	250	-	-	-	500	-	-	-	-	13,300	SMS - Driver, scope future fast cool AHSS; 2 pots; 2 AZ; DumaBandZinc; 2 horiz. coaters; <a href="https://www.smcgroup.com/press-media/press-releases/press-detail/thinking-and-producing-in-new-dimensions-1213/">https://www.smcgroup.com/press-media/press-releases/press-detail/thinking-and-producing-in-new-dimensions-1213/</a>	
	Terre Haute, IN	No.1	1999	-	0.25	1.5	864	1854	L-DFRT	318	-	-	-	-	-	318	-	-	-	-	10,100	Construction line. Until 2018, a subsidiary of Companhia Siderurgica Nacional. Prior to 2001 was Heartland Steel.	
	GalvTech Hays, PA	No.1	1996	2011	0.38	1.0	610	1524	H-DFRT	417	-	-	-	10	-	427	-	-	-	-	23,000	Commercially produces GALFAN; upgrades: electro-mag stabilizer, automated inspection	
	MetalTech Pittsburgh, PA	No.1	1961	1994	1.02	3.3	610	1219	H-DFRT	318	-	-	-	10	-	328	-	-	-	-	16,000	Commercially produces GALFAN	
NexTech Turtle Creek, PA	No.1	1990	-	0.18	0.4	610	1067	H-DFRT	154	-	-	-	-	-	154	-	-	-	-	6,800	Roll coater		
Steelscape LLC (NS BlueScope Coated Products)	Rancho Cucamonga, CA	No.1	1995	1996	0.30	0.9	660	1270	V-DFRT	-	-	200	-	-	-	200	-	-	-	Acrylic, tinted resin	2,300	Owned by NS Bluescope Coated Products, a JV between Nippon Steel and BlueScope Steel	
	Kalama, WA	No.2	1997	-	0.28	1.2	610	1321	V-DFRT	191	-	-	-	-	-	191	-	-	-	Yes	6,000		
Stelco	Hamilton, ON	No.3	1968	1997	0.25	1.2	762	1422	L-DFRT	181	-	-	-	-	-	181	-	-	-	-	8,300	Selas vertical NOx furnace line; nitrogen wiping	
		Z-Line	1991	2006	0.58	2.2	1016	1829	V-RT	-	454	-	-	-	-	orig. CAL capable 454	-	-	-	-	17,100	Orig. JV with Metal One 40%; at start a CGL-CAL Combo; world's biggest pot - 390 MT, first robot skim; nitrogen wiping	
Tata Steel Plating	Apollo Metals, Bethlehem, PA	-	1915	-	-	-	-	-	NA	-	-	-	-	-	-	-	-	-	50	50	100	Cu, brass, Ni, Cr plated CRS strip products; pre-finished non-ferrous metals; developer of ElectroJet technology; est. actual published prod. Capacity n/a	
	Thomas Steel Strip Corp., Warren, OH	-	1920	-	0.10	1.7	12	724	NA	-	-	-	-	-	-	-	-	-	80	80	2,000	Zn-Ni electroplating; est. production capacity, actual published n/a	
Tenigal SRL de CV	Pesqueria (Monterrey), NL, Mexico	Tenigal 1	2013	-	0.40	2.6	700	1850	V-RT	-	400	-	-	-	-	400	-	-	-	-	15,000	Sept. 2013 startup; 51% Ternium, 49% NSSMC; Exposed & AHSS to 980; 2 pots (GI, GA); \$300M facility	
		Tenigal 2	2019	-	TBA	TBA	TBA	TBA	TBA	-	430	-	-	-	-	430	-	-	-	-	12,900	\$300M investment announced April 2016	
Ternium SRL de C.V.	San Nicholas de los Garza, NL, Mexico	H-GNo.1	1975	2004	0.20	1.9	610	1295	H-DFRT	130	-	-	-	-	-	130	-	-	-	-	5,500	In-line paint line added	
		H-GNo.2	1992	2000	0.25	2.7	610	1295	H-DFRT	-	136	-	-	-	-	136	-	-	-	-	5,300	Formerly HYSLA-GALVAK	
		H-GNo.3	1998	2000	0.20	1.2	686	1270	H-DFRT	91	-	59	-	-	-	150	-	-	-	-	2,000		
	Monclova, Mexico	IMSA	1996	-	0.20	1.9	610	1270	H-DFRT	159	-	91	-	-	-	250	-	-	-	-	5,600	Formerly IMSA Acero	
		No.2	1968	2003	0.25	2.0	610	1270	L-DFRT	-	145	-	-	-	-	145	-	-	-	-	5,800	Formerly IMSA Acero	
	Universidad Plant, Monterrey, Mexico	No.3	1981	2019	0.206	3.4	610	1219	H-DFRT	136	-	90	-	-	-	226	-	-	-	-	6,500		
		No.4	1996	-	0.28	0.9	610	1270	V-DFRT	272	-	-	-	-	-	272	-	-	-	-	10,300		
Pesqueria (Monterrey), NL, Mexico	-	2019	-	0.31	1.5	610	>1650	V-RT	-	350	-	-	-	-	350	-	-	-	-	10,900	Start-up December 2019		
Ternium, USA, Shreveport, LA	No.1	1966	2007	0.33	3.2	610	1372	H-DFRT	118	-	118	-	-	-	236	-	-	-	-	6,600	Former Steelscape (IMSA) moved from Richmond, CA		
United States Steel Corporation	Double G Coatings Byram (Jackson), MS	DGC	1994	2003	0.23	0.8	610	1245	H-DFRT	91	-	181	-	-	-	272	-	-	-	-	6,600	USS/AM 50/50 JV; Construction pre-painted (50% tons in AM section)	
		Fairfield Works, Fairfield, AL	No.5 DualLine	1996	2003	0.30	1.0	660	1257	H-DFRT	91	-	181	-	-	-	272	-	-	-	Acrylic	4,300	Construction; 2 roll coaters
	Granite City Works Granite City, IL	Triple G	1996	2004	0.23	0.9	610	1245	V-RT	91	-	163	-	-	-	254	-	-	-	-	6,400	Vertical Dreyer furnace	
		No.1 CGL	2000	2020	0.58	2.0	711	1854	V-RT	-	472	-	-	-	-	472	-	-	-	Prephos, Cr3, Cr6	3,800	NKK-SE line; robot skim, roll coater for Prephos, CT; upgraded cleaner; furnace GJC	
	Great Lakes Works, Ecorse, MI	No.1 EGL	1985	-	0.41	1.8	914	1880	NA	-	-	-	-	-	-	-	0	-	-	0	0	0	20 vert. plating cells, 100% auto. - IDLE Jan 2016; 300k cap.; used 6.4k Zn
		GLW EGL at Dearborn, Dearborn, MI	DESCO	1986	1998/2002	0.56	1.7	914	1854	NA	-	-	-	-	-	-	-	0	-	0	0	0	U. S. Steel purchased AK Steel's interest 6/2015; IDLE 2020; 635k MT EG, EGA cap.; used 16.3k Zn
	Midwest Plant Portage, IN	72" GACT	1970	2018	0.56	3.2	610	1829	H&V-RT	-	454	-	-	-	-	454	-	-	-	-	Prephos, CT	4,400	Induction GA, roll coater; GI & GA UHSS
		No.3 CL	1998	2006	0.23	0.9	610	1245	H-DFRT	245	-	-	-	-	-	245	-	-	-	-	Acrylic	4,400	Junkers conless main & PM pots; 55Al-Zn until 2006
	Mon Valley Works, Irvin Plant, Dravosburg, PA	GAL1	1948	2004	0.91	4.3	560	1321	L-DFRT	200	-	-	-	-	-	200	-	-	-	-	-	5,400	HRS and CRS substrate; Selas NOx DFF line
		GAL2	1949	1998	0.36	1.6	610	1219	V-DFRT	160	-	-	stop 2000	-	-	stop 1982	160	-	-	-	Acrylic	2,500	Construction & appliance. Converted to dual line in 1997

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					Min	Max	Min	Max		GI only	GA/GI	AZ	GF, ZM	Al, Al-Si	Combi.		Total	Zn	Zn-Ni	Zn-Fe				Total
					Minus 50% of Double G Coatings, + 49.9% of BRS tonnes																			
Mon valley Works, Fairless Plant, Fairless Hills, PA	PRO-TEC Coating Co., Leipsic, OH	GAL3	1968	1999	0.37	2.0	610	1626	H-RT	-	299	-	-	-	-	299	-	-	-	-	n/a	5,400	Horizontal RT fce.; gas-fired GA; 1999 new Clecim TM, TL, CT, etc.	
		CGL	1993	2007	0.58	2.6	914	1880	V-RT	-	635	-	-	-	-	635	-	-	-	-	Prephos. CT, DFL	9,500	US Steel/Kobe Steel JV; 2 roll coaters; UHSS & exposed GA; robot skim; LIBS pot chem. Sensor	
		CG2	1998	2006	0.38	1.7	610	1702	V-RT	-	499	-	-	-	-	499	-	-	-	-	Prephos	9,500	US Steel/Kobe JV; roll coater, exposed GA & AHSS; robot skim	
		CG3	2020	-	TBA	TBA	TBA	TBA	TBA	TBA	-	454	-	-	-	454	-	-	-	-	TBA	13,500	USS/Kobe JV; to produce UHS HDG - start 2020 (AMM - Sep '17)	
UPI (USS-POSCO Industries), Pittsburg, CA	No. 2CC Line	1963	1997	0.38	3.19	610	1410	V-RT	-	363	-	-	-	-	363	-	-	-	-	n/a	11,200	Induction GA, RoHS CT; 50-50 JV since 1984; was 50-50 JV of U. S. Steel and POSCO; 100% U. S. Steel Feb. 29, 2020		
Grupo Villacero	Cintacero Guadalupe, NL, Mexico	EG	1990	-	0.30	3.17	3	610	NA	-	-	-	-	-	-	48	-	-	-	48	-	100	Acquired in 1998 by Villacero from Fiacero	
	Zincacero Apodaca, NL, Mexico	HDGL	1994	2020	0.23	2.00	812	1282	H-RT	91	-	-	-	-	-	91	91	-	-	-	-	3,000	SMS rebuild SAE 1006, 1008 and 1010 and steel strip products with yield strengths between 210 and 560 Mpa	
Wheating-Nippon Steel, Inc.	Follansbee, WV	No.1 AGL	1988	-	0.36	2.7	610	1549	H-DRRT	-	272	-	-	12	91	375	-	-	-	-	-	5,400	ZAM™ added in 2013-2014; Makes Aluminized stainless; Gas fired GA furnace; 100% Nisshin Steel Co., Ltd. since 2008	
		No.2 CGL	1993	2000	0.20	1.2	610	1270	H-DRRT	218	-	81	-	-	-	299	-	-	-	-	Acrylic	8,600	Construction; Carouel reels; roll coater	
Worthington Industries	Delta, OH	No.1	1997	2008	0.64	6.35	813	1575	L-DRRT	-	363	-	-	-	-	363	-	-	-	-	-	13,600	CQ, culvert, guardrail markets (mostly HR substrate)	
		No.1	1998	2019	0.43	1.9	711	1575	V-DRRT	-	544	-	-	-	-	544	-	-	-	-	Prephos. CT, acrylic	8,000	Worthington 52%/AK Steel 48% JV, DFF lining change to fiber; RJC upgrade	

	<b>Total GI+GA/GI</b>	<b>Est. Total Zn MT</b>
	<b>6,864    26,118</b>	<b>876,535</b>
North American - Galvanneal/Galvanize Lines	<b>19,709</b>	<b>CGLs: 841,000</b>
- GALVALUME	<b>2,097</b>	
- GALFAN or ZAM™	<b>32</b>	
- Aluminized Types I, II	<b>817</b>	
<b>- TOTAL Hot-Dip</b>	<b>28,301</b>	k MT
- EG Zn	<b>1,474</b>	
- EG Zn-Ni	<b>230</b>	
- EG Zn-Fe	<b>0</b>	
<b>- Total EG</b>	<b>1,704</b>	1000's MT
<b>- Total Hot Dip &amp; EG</b>	<b>30,005</b>	1,000's MT

North American Line Summary					
Type	Total	Operating	Being Built	Combi.	Idle
Hot Dip Lines - TOTAL (all coatings)	82	78	2	4	2
Hot Dip Galvanize Lines (GI but no GA)	32	30	2	0	0
HDG Lines with GI & GA capability	47	44	1	2	0
Lines with GALVALUME capability	14	13	1	0	0
Lines with Galfan capability	2	2	0	0	0
Lines with ZAM™ capability	1	1	0	0	0
Lines with Aluminizing capability	3	3	0	0	0
<b>EG Lines</b>	<b>12</b>	<b>10</b>	<b>0</b>	<b>2</b>	<b>2</b>
EGLs + CGLs    94    88    2    4    4					

**NOTES:**

- Production tonnes based on most recent data
- GI = Galvanize    - GF = Galfan
- GA = Galvanneal    - AL = Aluminized I, II
- AZ = 55Al-Zn (GALVALUME, ZINCALUME, etc.)
- ZAM™ Zn-AlMg alloy coating
- Zinc usage from 2004 ILZSG World Directory; CG Lines
- TBA = To Be Announced
- (\*) Furnace types
  - V = Vertical
  - H = Horizontal
  - L = Vert & Horiz (may or may not be "L" shaped)
  - NA = not applicable / not available
- \*Suffix: DF = Direct Fired; RT = Radiant Tube; IND = Induction; HTC = Heat to Coat

OP    Operating Hot-Dip Line  
 OPE    Operating EGL  
 BB    Being Built  
 ID    Idle Hot-Dip Line  
 IDE    Idle EGL

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