

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

Status →
Operating HD Lines
EG Lines
Idle Lines
Inoperable Lines
Under Construction

Producer	Location	Line ID	Date Built	Latest Rebuild	Thickness (in)		Width (in)		Annual Hot-Dip Capacity - short tons						Annual EG Capacity - tons				Roll Coatings	Total Company hot dip prod	Annual Zn Usage - tons	Comments
					Min	Max	Min	Max	GI only	GA/GI	AZ	GF	AL	Total	Zn	Zn-Ni	Zn-Fe	Total				
AK Steel Corp	Ashland, KY	#1	1954	1971		0.179	60	0	-	-	-	-	0	-	-	-	-	-	2,177,244	0	INOPERABLE - Culvert line; 150k tpy Induction GA; nitrogen wiping Gravitel process, 21 plating cells Nitrogen wiping; not automotive exposed 2 coreless pots; Aluminized type I, II and stainless INOPERABLE - in 2007; Terne coating line; 150 ktpy Max speed 750 fpm, coil weight 70,000 lb.; Widest NAFTA Ctg line	
		#3	1967	1982	0.020	0.075	24	60	0	370,000	-	-	-	-	370,000	-	-	-		15,800		
	Middletown, OH	#2 EG	1991	1995	0.019	0.075	75	-	-	-	-	-	-	500,000	-	-	500,000	11,000				
		#3	1961	2002	0.017	0.135	32	75	560,000	-	-	-	-	560,000	-	-	-	24,200				
		#4	1971	-	0.015	0.137	24	62	-	-	-	470,000	-	-	-	470,000	-	-		0		
Terne	1960	-	0.018	0.083	53.5	-	-	-	-	-	-	0	-	-	-	-	0					
Rockport, IN	CGL	1998	2003	0.012	0.140	41	80	0	1,000,000	-	-	-	-	1,000,000	-	-	-	-	31,900			
AcelorMittal	Burns Harbor, IN	HDCL	1992	-	0.023	0.075	36	72	0	550,000	-	-	-	-	550,000	-	-	-	-	19,800	5,904,460	Induction GA; roll coating; entry & exit auto inspection IDLE - previous LS-E then JV with AK Steel; 20 vertical plating cells; Cap. 480k/yr Converted LTV CAL to auto CGL; added GA '07; electromag. Stabilizer; 1000 fpm drives L-S II EG line converted to CGL; 100% GA, 2 main pots; e-mag stabilizer To be shut down in 2012 To be shut down in 2012 Gas fired GA furnace installed 1989 To be converted to GALVALUME production in 2012 Originally a Dofasco/Usinor(Sollac) 80/20 JV; exposed GI To be operating 1Q 2013 (GI, GA, HR, HDG) AM Dofasco/JFE Steel Corp JV; renamed DJ Galvanizing Corp '04 (formerly DNN Galvanizing); premet pot 1997 IDLE - soon Inoperable; cap. 490k Converted from GI to AL coating Gas fired GA; horizontal fce. Appliance Al-Si alloy Gas fired GA; hot bridle & new RT furnace 1997 ArcelorMittal/Nippon Steel JV; Fe-Zn flash coat capability ArcelorMittal/NSC JV; 24 Gravitel plating cells; Ni flash in 25th Formerly Sorevco; 1kg ctg wt golf ball finish; induction GA IDLE - Gas fired GA; 225k/yr IDLE - Galfan produced 1985 to early 1990s; 140k/yr cap. - IDLE IDLE - Gas fired GA furnace; 235k/yr cap Operating
	Cleveland, OH	EG	1986	-	0.015	0.062	26	73	-	-	-	-	-	0	-	-	0	3,200				
	HDGL	2006	2007	0.022	0.075	39	72	0	703,000	-	-	-	-	703,000	-	-	-	3				
	Columbus, OH	HDGL	2000	2005	0.018	0.060	36	72	0	500,000	-	-	-	-	500,000	-	-	-	22,000			
	AM Dofasco Hamilton, ON	#1	1955	-	0.012	0.080	24	49	-	-	170,000	-	-	-	170,000	-	-	-	-	2,500		
		#2	1960	1999	0.024	0.168	24	60	0	400,000	-	-	-	-	400,000	-	-	-	-	12,100		
		#3	1972	1989	0.010	0.080	24	52	0	280,000	-	-	-	-	280,000	-	-	-	-	9,500		
		#4	1981	2005	0.012	0.080	24	60	312,000	-	-	-	-	-	312,000	-	-	-	-	10,600		
		#5(DSG)	1999	2003	0.020	0.080	28	72	0	450,000	-	-	-	-	450,000	-	-	-	-	19,400		
	DJ Galvanizing Windsor, ON	DJG	1993	1997	0.016	0.079	24	72	0	420,000	-	-	-	-	420,000	-	-	-	-	17,600		
	Hennepin, IL	?	1967	1997	0.015	0.164	24	60	0	-	-	-	-	0	-	-	-	-	0			
	Indiana Harbor-West, IN	#1	1961	2006	0.012	0.070	24	60	-	-	-	-	275,000	275,000	-	-	-	-	-	0		
#2		1963	1991	0.014	0.188	24	72	0	636,000	-	-	-	-	636,000	-	-	-	-	31,700			
3 CGL		1958	1997	0.017	0.100	24	56	290,000	-	-	-	-	290,000	-	-	-	-	-	10,300			
Indiana Harbor-East, IN	4 ALUM	1961	1996	0.017	0.097	24	56	-	-	-	-	190,000	190,000	-	-	-	-	-	0			
	5 CGL	1968	2004	0.019	0.100	24	72	0	415,000	-	-	-	-	415,000	-	-	-	-	14,400			
I/N Kote New Carlisle, IN	#1	1991	2004	0.020	0.088	24	72	0	500,000	-	-	-	-	500,000	-	-	-	-	8,400			
	EG	1991	-	0.017	0.079	24	72	-	-	-	-	-	-	290,000	110,000	-	400,000	7,500				
AM Coteau-du-Lac Coleau-du-Lac, PQ	#1	1991	1995	0.010	0.130	24	55	0	250,000	-	-	-	-	250,000	-	-	-	-	11,000			
Weirton, WV	#3	1957	1978	0.040	0.168	24	48	0	0	-	-	-	0	-	-	-	-	-	3,400			
	#4	1958	1994	0.010	0.030	24	42	0	-	-	-	-	0	-	-	-	-	-	2,800			
	#5	1966	2000	0.014	0.050	24	48	0	0	-	-	-	0	-	-	-	-	-	3,400			
	EG	1972	1994	0.010	0.044	24	39	-	-	-	-	-	-	110,000	-	-	110,000	2,500				
California Steel Industries	Fontana, CA	#1	1966	1999	0.012	0.175	24	60	450,000	-	-	-	-	450,000	-	-	-	-	18,000			
		#2	1998	-	0.010	0.060	24	52	0	330,000	-	-	-	-	330,000	-	-	-	-	12,000		
Canfield Metal Coating (CMC)	Canfield, OH	EG	1957	2003	0.008	0.080	24	48	-	-	-	-	-	66,000	-	-	66,000	Organic & inorganic	1,300	Orig. Wheeling-Pittsburgh until 2001		
Precoat (CFM)	Elkridge, MD	EG	?	?	0.007	0.064	20	54	-	-	-	-	-	70,000	-	-	70,000		1,500	Chesapeake Finished Metals (Precoat Metals division of Sequa)		
CSN LLC	Terre Haute, IN	#1	1999	-	0.014	0.125	34	73	350,000	-	-	-	-	350,000	-	-	-	-	15,400	Construction (formerly Heartland Steel)		
Electric Coating Technologies (ESMARK)	East Chicago, IN	EG	?	-	0.010	0.085	24	72	-	-	-	-	-	200,000	-	-	200,000		?	Able to coat UHSS up to 1585 MPa (230 ksi) yield strength		
	Bridgview, IL	EG	?	?	?	?	60	-	-	-	-	-	-	100,000	-	-	100,000		-	INOPERABLE - fire January 29, 2008		
Follansbee Steel	Follansbee, WV	HD	?	-	?	?	?	-	-	-	-	-	-	91,000	-	-	-		?	Flux line; specialty construction, inc. Zn-Sn-X alloy- "terne 2"		
Galvasid (Grupo Ind. L.M.)	Apodaca, NL, Mexico	#1	2005	-	0.008	0.075	24	62	120,000	-	-	-	-	120,000	-	-	-					
Galvstar	Buffalo, NY	Galvstar	2011	-	0.012	0.060	60	-	-	-	-	250,000	250,000	-	-	-	-			Start-up June 2011; GI and GALFAN		
Gregory Industries	Canton, OH	#1	1980	-	0.030	0.170	19.5	75,000	-	-	-	-	-	75,000	-	-	-		2,000	Cold line with preheat induction furnace; thick ctgs, no cut edge		
Material Sciences Corp. (MSC)	Walbridge, OH	#1 EG	1986	-	0.018	0.061	24	72	-	-	-	-	-	290,000	110,000	-	400,000	Organic	8,000	Formerly JV with ArcelorMittal, Gravitel plating process, 20 cells; can coat 1000 MPa AHSS		
Metal Koting	Rexdale, ON	#1 EG	1968	-	0.008	0.080	32	60	-	-	-	-	-	45,000	-	-	45,000		880	Can coat >1000 MPa UHSS		

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					Min	Max	Min	Max	GI only	GA/GI	AZ	GF	AL	Total	Zn	Zn-Ni	Zn-Fe	Total												
National Galvanizing L.P.	Monroe, MI	#1	1984	1997	0.060	0.250	24	48	0	225,000	-	-	-	-	225,000	-	-	-	-	-	-	-	10,600	Push/Pull line - POG only, induction GA						
Nucor	Berkeley, SC	#1	1998	2007	0.012	0.115	30	66	0	700,000	-	-	-	-	700,000	-	-	-	-	-	-	-	15,800	Robot skimmer; roll coater						
	Crawfordsville, IN	#1	1993	-	0.012	0.115	36	53	350,000	-	-	-	-	350,000	-	-	-	-	-	-	-	2,041,166	11,000	Construction & appliance; coats Castrip Si-killed steel						
	Decatur, AL	#1	2009	-	0.021	0.080	36	73	0	600,000	-	-	-	-	600,000	-	-	-	-	-	-	-	20,000	electromagnetic stabilizer						
	Hickman, AK	#1	1999	-	0.015	0.075	36	61.5	600,000	-	-	-	-	600,000	-	-	-	-	-	-	-	-	22,000	Construction, HVAC						
	Altamira, Mexico	?	2009	-	0.016	0.100	31.5	73.2	0	400,000	-	-	-	-	400,000	-	-	-	-	-	-	-	-	-	Exposed and AHSS					
Precision	Ambridge, PA	?	1955	1996	0.018	0.110	33	60	0	-	-	-	-	0	-	-	-	-	-	-	-	-	-	INOP - Flux line, 160 k/yr						
RG Steel	Sparrows Point, MD	#1	1952	1980	0.017	0.030	24	48	-	-	0	-	-	-	0	-	-	-	-	-	-	-	0	IDLE; 180k; where GALVALUME was first coated						
		#2	1954	1997	0.023	0.080	24	49	0	-	-	-	-	-	0	-	-	-	-	-	-	-	4,000	IDLE; 180k						
		#3	1956	1972	0.015	0.075	24	49	-	-	180,000	-	-	-	-	180,000	-	-	-	-	-	-	-	1,500	Induction dryer at roll coater					
		#4	1992	2001	0.013	0.056	24	49	210,000	-	150,000	-	-	-	-	360,000	-	-	-	-	-	-	-	5,100	Induction dryer at roll coater					
	Warren, OH	#2	1962	2000	0.019	0.159	19	48	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	0	IDLE - cap. 350k; formerly WCI; cold flux line					
		Martins Ferry, OH (Flux Lines)	#1	1953	1981	0.015	0.062	24	36	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	5,800	IDLE (Flux Line)- cap. 130k; formerly Wheeling-Pittsburgh				
#2	1955		1980	0.018	0.074	24	48	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	9,000	IDLE (Flux Line)-cap. 220k						
#3	1965		1980	0.022	0.163	24	60	450,000	-	-	-	-	-	450,000	-	-	-	-	-	-	-	-	-	18,200	Oper (Flux Line)					
SeverStal NA	Dearborn, MI	#1	2012	-	0.020	0.105	36	72	0	500,000	-	-	-	-	500,000	-	-	-	-	-	-	-	-	12,000						
		#1	2007	-	0.014	0.059	36	72	0	450,000	-	-	-	-	450,000	-	-	-	-	-	-	-	-	-	12,000	SMS-Siemag				
SeverStal NA	Columbus, MS	#2	2012	-	0.022	0.125	36	72	0	500,000	-	-	-	-	500,000	-	-	-	-	-	-	-	-	-	10,000					
		#1	1995	-	0.008	0.040	24	48	150,000	-	-	-	-	-	150,000	-	-	-	-	-	-	-	-	-	6,200	2008 - Sharon Coating is a JV of Duferco-Novolipetsk and Severstal				
Sharon Coating	Sharon, PA	#2	1998	-	0.012	0.071	24	60	350,000	-	-	-	-	350,000	-	-	-	-	-	-	-	-	-	-	11,400	Formerly Winner Steel				
		#3	2004	-	0.020	0.130	24	72	0	700,000	-	-	-	-	700,000	-	-	-	-	-	-	-	-	-	22,000					
		#1	1997	-	0.040	0.160	36	64	-	400,000	-	-	-	-	400,000	-	-	-	-	-	-	-	-	-	-	15,400	POG substrate			
Steel Dynamics	Butler, IN	#2	1997	-	0.015	0.090	36	64	-	350,000	-	-	-	-	350,000	-	-	-	-	-	-	-	-	-	15,400	CR substrate				
		#1	1999	2007	0.010	0.030	35	60	100,000	-	250,000	-	-	-	350,000	-	-	-	-	-	-	-	-	-	15,400	2007: added 2nd pot for AZ ctg; N-IR roll coater; former GalvPro JV				
	The Techs	GalvTech Hays, PA	#1	1996	-	0.015	0.040	24	60	460,000	-	-	-	-	460,000	-	-	-	-	-	-	-	-	-	-	25,000				
			MetalTech Pittsburgh, PA	#1	1961	1994	0.040	0.130	24	49	350,000	-	-	-	-	350,000	-	-	-	-	-	-	-	-	-	-	17,600	Former J&L/LTV line, upgraded		
				NexTech Turtle Creek, PA	#1	1990	-	0.007	0.015	24	43	187,000	-	-	-	-	187,000	-	-	-	-	-	-	-	-	-	-	7,500	Roll coater	
					#1	1995	-	0.010	0.100	24	52	-	-	220,000	-	-	-	-	220,000	-	-	-	-	-	-	-	-	2,500	Roll coater	
Steelscape (BlueScope Steel)	Rancho Cucamonga, CA	#2	1997	-	0.010	0.048	24	52	210,000	-	-	-	-	210,000	-	-	-	-	-	-	-	-	-	-	6,600	Roll coater				
Tenigal SRL de CV	Monterrey, NL, Mexico		2013	-	?	?			0	441,000	-	-	-	-	441,000	-	-	-	-	-	-	-	-	-	-	51% Ternium, 49% Nippon Steel JV				
Ternium	HYSLA-GALVAK San Nicholas de los Garza, NL, Mexico	H-G#1	1975	2004	0.008	0.750	24	51	140,000	-	-	-	-	140,000	-	-	-	-	-	-	-	-	-	-	-	5,800	In-line paint line added			
		H-G#2	1992	2000	0.010	0.106	24	51	0	150,000	-	-	-	-	150,000	-	-	-	-	-	-	-	-	-	-	-	2,200			
		H-G#3	1998	2000	0.008	0.047	27	50	100,000	-	65,000	-	-	-	165,000	-	-	-	-	-	-	-	-	-	-	-	-			
	IMSA Acero	Monclova, Mexico	#1	1996	-	0.008	0.075	24	50	175,000	-	100,000	-	-	275,000	-	-	-	-	-	-	-	-	-	-	-	6,200			
			#2	1968	2003	0.010	0.080	24	50	0	160,000	-	-	-	-	160,000	-	-	-	-	-	-	-	-	-	-	-	-		
	Monterrey, Mexico	#3	1981	2003	0.011	0.134	24	48	150,000	-	80,000	-	-	-	230,000	-	-	-	-	-	-	-	-	-	-	-	-	11,400		
#4		1996	-	0.011	0.035	24	50	300,000	-	-	-	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	-	11,400			
Shreveport, LA	#1	1966	2007	0.013	0.125	24	54	130,000	-	130,000	-	-	-	260,000	-	-	-	-	-	-	-	-	-	-	-	-	-	Former steelscape (IMSA) moved from Richmond, CA		
ThyssenKrupp Steel USA	Calvert (Mobile), AL	HDGL1	2011	-	0.020	0.090	32	73	0	500,000	-	-	-	-	500,000	-	-	-	-	-	-	-	-	-	-	-	-	GI, (Zn-Al-Mg?), GA		
		HD/CAL2	2011	-	0.020	0.091	36.2	73.6	0	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	Combo CR CAL start April 2011, later GI; cap. 700k metric tons		
		HDGL3	2011	-	0.020	0.090	32	73	0	500,000	-	-	-	-	500,000	-	-	-	-	-	-	-	-	-	-	-	-	GI, (Zn-Al-Mg?), GA		
		HDGL4	2011	-	?	0.080	0.24	66	240,000	-	100,000	-	-	-	100,000	440,000	-	-	-	-	-	-	-	-	-	-	-	-	GI, AZ, Al-Si, (Zn-Al-Mg?)	
DESCO River Rouge, MI	Double G Coatings Jackson, MS	#1	1986	1998 2002	0.022	0.065	36	73	-	-	-	-	-	-	420,000	-	-	425,000	845,000	-	-	-	-	-	-	-	-	18,000	US Steel/Severstal NA 50/50 JV; 100 % automotive, CAROSEL CI plating process, 42 cells	
		DGC	1994	2003	0.009	0.030	24	49	100,000	-	200,000	-	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	US Steel/ArcelorMittal 50/50 JV; Construction prepainted
		#4	1968	2001	0.014	0.083	26	62	0	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,400	IDLE, GI, Heurtey powder zinc treatment; 385k
		#5 DualLine	1996	2003	0.012	0.040	26	49.5	100,000	-	200,000	-	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	-	-	4,800	Construction; 2 roll coaters
		Gary Works	GAL6	1962	2000	0.023	0.102	24	60	0	0	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	6,300	IDLE, GA & GI, CR & HR, HCD Cleaner, 380k

