

**REFERENCE LIST**  
**COATING AND PLATING LINE EQUIPMENT**  
**Designed and/or Built by**  
**A•D•S Machinery Corp.**

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<u>YEAR</u>	<u>JOB NO.</u>	<u>DESCRIPTION</u>	<u>FUNCTION</u>
1957	513	Allis Chalmers 36" Dolomite Coating Line	Terminal equipment
1962	1121	Sharon Steel 60" Hot Dip Galvanizing Line	Cleaning equipment. Strip oiling
1963	1173	Republic Steel 60" Electro-Zinc Plating Line	Plating cells
1963	1260	Republic Steel 48" Hot Dip Galvanizing Line	Bonderizing equipment Bridle revisions
1964	1340	Republic Steel 48" Hot Dip Galvanizing Line	Pickling Preflux plating Aftercooling Quenching Chem treat Strip printers Strip oiling
1972	1535	J & L Steel 60" Hot Dip Galvanizing line	Bonderize equipment
1970	2081	Republic Steel 60" Electro-Zinc Plating Line	Plating cells
1972	2222	Republic Steel 48" Hot Dip Galvanizing Line	Flash chrome plating cell
1973 1983	2294 3843	Republic Steel 48" Terne Plating Line	Terne pot Pot heating Sink roll rig Steering rolls Quenching equipment
1977	2787	Grumman Flexible Blu Surf Division 99" Powder Coating Line	Terminal equipment
1978	2963	Packard Electric 10" Dual Strand Nickel Plating Line	Terminal equipment
1980	3379	Republic Steel 48" Electro-Zinc Plating Line	Terminal equipment and plating cells
1982	3519	Southwestern Pipe 10" Hot Dip Galvanizing Line	Entire line
1990	5606	National Steel 40" Electrolytic Tinning Line	Major rebuild
1987	5720	LTV Indiana Harbor 72" Hot Dip Galvanizing Line	Major rebuild
1987	5768E	US Steel (Gary Works) 72" Hot Dip Galvanizing Line	Engineering study for Increased production
1988	6016	US Steel (Irvin Works) 60" Hot Dip Galvanizing Line	Engineering study Entry end flatness Tension leveling Aftercooling

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1989	6018	Guangdong Nanfang Galvanized Sheet Co. 48" Hot Dip Galvanizing Line	Design, build new, and modernize existing equipment.
1988	6041E	Bethlehem Steel 72" Hot Dip Galvanizing Line	Engineering study Line tracking Looper storage Belt wrappers
1991	6066	US Steel (Gary Works) 66" Electro-Zinc Plating Line	Required modifications to change from 1 side to 2 side coating
1989	6110	Thomas Steel Multi- Strand Nickel Plating Lin	Terminal equipment
1989	6116E	US Steel (Fairless Works) 65" Hot Dip Galvanizing line	Engineering study Line tracking Strip oiling Increased width
1989	6138	NexTech 42" Hot Dip Galvanizing Line	Entire line
1989	6182E	LTV Indiana Harbor 72" Hot Dip Galvanizing Line	Engineering study Increase production
1989	6183E	LTV Hennepin 60" Hot Dip Galvanizing Line	Engineering study Increase production Upgrade chemical treatment
1989	6190	LTV (LS2) 72" Electro-Zinc Plating Line	Cleaning and pickling equipment
1989	6260	Federal Iron Works 50" Hot Dip Galvanizing Line	Design entire line and build major machines
1990	6327	Wheeling Pittsburgh 48" Hot Dip Galvanizing Line	Flash electro-zinc plating cells
1992	6337	Sam Yang Metals 63" Aluminum Conversion Coating Line	Design entire line and build major components
1991	6402	Precision Galvanizing 60" Hot Dip Galvanizing Line	Scrubber and rinse section
1991	6544	Galvak 48" Hot Dip Galvanizing Line	Quench tank and dryer
1991	6555	Dong Bu Steel 48" Hot Dip Galvanizing Line	Design entry end modifications to increase coil weight
1993	6870	Alcan Aluminum 64" Coil Coating Line	Conversion coating cell
1994	6822	Sam Yang Metals 63" Aluminum Conversion Coating Line	Lacquer coating section
1994	6978	IMSA 50" Hot Dip Galvanizing Line	Complete line

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1995	7156	U.S. Steel (Fairfield Works) 50" Hot Dip Galvanizing Line	Complete line
1995	7157	U.S. Steel (Fairless Works) 65" Hot Dip Galvanizing Line	Belt wrapper
1995	7742	GalvTech 60" Hot Dip Galvanizing Line	Complete line
1996	8022	ProTech 74" Hot Dip Galvanizing Line	Design and partially manufacture Acrylic coating section
1997	7997	Winner Steel Services 60" Hot Dip Galvanizing Line	Complete line
1997	8121	US Steel (Gary Works) 48" Hot Dip Galvanizing Line	Belt Wrappers (2)
1997	8098	H&S Processing 48" Hot Dip Galvanizing Line	Horizontal Looper Steering Roll Bridle
1997	8122	IMSA 48" Hot Dip Galvanizing Lin	Intermediate Bridle
1998	8213	Alcan 60" Coating Line	Upgrade to increase speed
1998	10224	USX (Fairfield) 80" Hot Dip Galvanizing Line	Acrylic coating section
1998	10225	Steel Dynamics 60" Hot Dip Galvanizing Line	Complete Line
1999	10223	WCI Steel 50" Hot Dip Galvanizing Line	Major Upgrade
2000	10414	Dofasco (Canada) 48" Hot Dip Galvalume Line	Quench Tank Bridles Tension Leveler Acrylic Coating Section Coiling Reel
2000	10594	U. S. Steel, Fairfield 54" Hot Dip Galvanizing Line	Chemical Treatment Applicator
2000	10610	Weirton Steel 48" Hot Dip Galvanizing Line	Quench Tank Bridles Temper Mill Tension Leveler
2000	10801	Weirton Steel 48" Hot Dip Galvanizing Lines (3)	Chemical Treatment Applicators (3 units)
2001	10988	Roll Coater (Hawesville) 54" Coil Coating Line	Crossbow Removal Rolls
2001	11046	U.S. Steel, Fairfield 54" Hot Dip Galvanizing Lines	Chemical Treatment Applicator
2002	11053	Logan Aluminum 54" Can End Stock Coating Line	Sleeve Loader with Weighing System
2002	10917	Corus Coil Coating 54" Coil Coating Line	Stitcher Die
2002	10909	Corus Coil Coating 54" Coil Coating Line	Two Belt Wrapper

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2003	11129	Corus Coil Coating 54" Coil Coating Line	Entry Accumulator
2003	11264	IMSA-MEX 48" Hot Dip Galvanizing Line	Exit Accumulator
2003	11408	Cooper Coating Company 33" Coil Coating Line	Curing Oven
2003	11441	Roll Coater (Greenfield) 54" Coil Coating Line	Crossbow Removal Rolls
2003	11448	Alcan (Novelis)	Entry End Equipment
2003	11473	Roll Coater (Hawesville) 54" Coil Coating Line	Crossbow Removal Rolls
2003	11542	Steelscape 60" Coil Coating Line	Coater Room Ventilation System
2003	11553	Steel Dynamics 60" Hot Dip Galvanizing Line	Intermediate Bridle
2004	11251	IMSA – Mexico 48" Coil Coating Line	Payoff Reels (2)
2004	11509	IMSA – Mexico 48" Coil Coating Line	Entry and Exit Accumulators
2004	11563	Steel Dynamics 60" Hot Dip Galvanizing Line	Five Roll Flatteners (2)
2004	11610	IMSA – Mexico 48" Coil Coating Line	Coiling Reel Mandrel
2004	11620	Alcan (Novelis) 64" Coil Coating Line	Chemical Treatment Section
2004	11788	Steel Dynamics 60" Hot Dip Galvanizing Line	Payoff Reel mandrel
2004	11789	Steel Dynamics 60" Hot Dip Galvanizing Line	Coiling Reel Mandrel
2004	11865	Alcan (Novelis) 64" Coil Coating Line	Coiling Reel Hold Down roll
2005	11350	Amerimax (Helena) 54" Coil Coating Line	Incinerator Modifications
2005	11492 11976	Novelis (Alcan) 64" Coil coating Line	Coil Storage Saddles
2005	11561 11982	U.S. Steel (Fairfield) 50" Hot Dip Galvanizing Line	Roll Scrapers
2005	11860	U.S. Steel (Fairfield) 50" Hot Dip Galvanizing Line	Hot Bridle Steering
2005	11933	U.S. Steel (Great Lakes) 73" Hot Dip Galvanizing Line	Cleaning Section
2005	11938	Novelis (Alcan) 64" Coil Coating Line	Stitcher Centering Guides
2005	11978	Electric Furnace (Angana) 61" Hot Dip Galvanizing Lines (2)	Cooling Tower Turn Rolls (4)
2005	12027	Precoat Metals 60" Coil Coating Line	Terminal Equipment
2005	12041	Amerimax (Lancaster)	Heat Recovery System

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		18" Coil Coating Line	
2005	12063	Centria 48" Coil Coating Line	Coiling Reel
2005	12066	Amerimax (Lancaster) 18" Coil Coating Line	Accumulator Modifications
2005	11817 11902 11929	U.S. Steel (Fairfield) 50" Hot Dip Galvanizing Line Galvanizing Line	Sink Roll Scrapers
2006	12198	U.S. Steel (Fairfield) 50" Hot Dip Galvanizing Line	Roll Scrapers