



WEST COAST PIPE



HISTORY

West Coast Pipe (formerly West Coast Pipe Linings, Inc.) was organized in 1978 to provide materials and services to the Waterworks Industry. Our introduction into the market place found us located on a one acre parcel in Fontana processing small orders by hand.

As the company continued to grow, machinery was designed and built to increase our capabilities and production rates. West Coast Pipe slowly advanced into the Waterworks market and established itself as a supplier of fabricated steel pipe and specials.

In 1996, the company was purchased by State Pipe & Supply, which resulted in a planned 20 acre state of the art facility in Rialto, California. Our expansion has, among other things, provided a new 15,000 square foot fabrication facility capable of 96" diameter pipe and fittings.

Newly designed and built automated machinery now allows us to process cement lined and cement coated steel pipe from 3" up to and including 48" in diameter. Other capabilities include abrasive saw cutting, rolling and forming of steel plate specials, preparation of weld bell joint ends, sandblasting, epoxy applications and other specialized linings, coatings and services.

WATER FACT #1

A person could survive about a month without food, but only 5 to 7 days without water.



PRIME LOCATION

Our Rialto Facility is strategically positioned in the heart of the Inland Empire - below the Cajon Pass between the 15 & 215 freeway interchange- so we are always accessible regardless of the weather. Just a few minutes drive East of Interstate 15 and not more than a few pipe lengths north of the new Interstate 210 extension between Alder and Locust Avenue; we can be easily reached for same day will-calls or walk-ins.

DELIVERY

If you prefer, we deliver to your jobsite. Our location provides us with immediate access to all major transportation arteries in Southern California. We are serviced by numerous professional common carriers, freight delivery services, and can also deliver using our own trucks and drivers. Whether you need a small load of palletized specialty items or a full truckload quantity of pipeline materials, we'll deliver.



DEPARTMENTS

SALES

With a vast knowledge and combined experience of over 75 years, our sales force is ready to assist you with all of your waterworks requirements. Whether from district plans or your own custom estimates, our sales professionals will insure fast, competitive pricing to meet your detailed specifications. Equipped to handle your most complex projects, from pump stations to transmission lines, it doesn't matter what the job is; leave it to us to ensure precise performance in all areas of your water works needs.

ENGINEERING

Our Engineering staff is available to support your field efforts with over 3 decades of practical design experience in the waterworks industry. Whether your project involves standard fittings, custom fabrications, or miles of fully engineered cross-country pipeline, no job is too large or small. State of the art methods, accurate designs and timely feedback will ensure your critical path is maintained and your project proceeds smoothly from submittal through installation.

FABRICATION

West Coast Pipe maintains a full complement of experienced welders and layout personnel certified to AWS D1.1 and ASME Section IX. Any combination of manual or semi-automatic cutting & welding processes are available to meet your job requirements. Automated trunnions, manipulators, and other processing equipment allow us a level of quality and manufacturing efficiency to rival any in the Industry.

Small or Large diameter custom wyes, elbows, reducing sections in any required configuration can be designed, fit, and welded in our state of the art fabrication facility.

Computerized layout patterns and design drawings ensure that each fitting is dimensionally accurate and manufactured to your requirements. AWWA M11, C208, and the full complement of ANSI & API fitting specifications are amongst our specialties.



WATER FACT #2

*The average American uses about
160 gallons of water a day at a
cost of only 27 cents.*



SERVICES



Cement lined & coated profile

AUTOMATED INTERNAL CEMENT MORTAR LINING

Internal cement mortar lining is performed by use of a spinning machine, which rotates the pipe centrifugally causing the cement mortar to equalize and form a smooth, dense protective lining. An automated batching system insures that all cement mortar is mixed to precise project requirements and AWWA C205 specifications.



WATER FACT #3

More than 50% of water used in residential areas is for outside landscape.



AUTOMATED EXTERNAL CEMENT MORTAR COATING

External cement mortar coating is applied using a brush coated method. Mixed mortar is projected against the steel surface of the pipe while wire reinforcement is placed throughout the coating process to add strength. Once completed, the pipe ends are primed & capped, then placed in our water cure area for guaranteed strength and protection. Your pipe will remain under water cure per your job specifications or until shipment.



Cement mortar coating over Polyken YG III tape application



WATER FACT #4

A leaking faucet can waste up to 100 gallons of water a day.



SERVICES



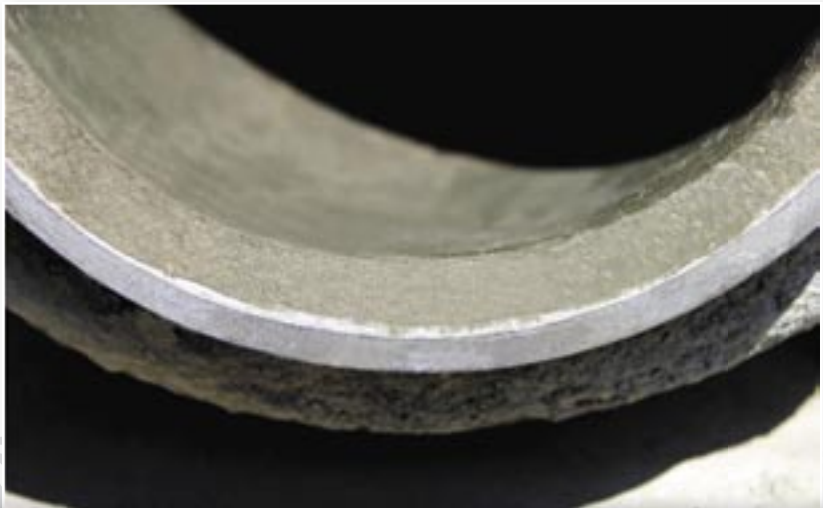
PNEUMATICALLY APPLIED CEMENT MORTAR LININGS AND COATINGS (GUNITE)

Fabricated steel pipe, fittings, and large diameter fabricated specials which fall outside our automated machine capabilities, are internally lined and externally coated using pneumatically placed reinforced cement mortar. Once the mortar is placed, the interior is then hand troweled to a smooth dense finish with the exterior surface being shape cut.



HAND APPLIED CEMENT MORTAR LININGS

Steel fittings & custom fabricated specials 36" down to 3" diameter require that all internal cement mortar be applied by hand application. Skillfully trained personnel apply the cement mortar and then hand trowel each interior to produce a smooth dense surface to meet AWWA C205 specifications or customers specified thickness.



WATER FACT #5

97.2% of the water on Earth is salt water, while only 2.8% of the Earth's water is fresh water.



Hand applied cement mortar

“WCP EXPRESS” EXPEDITED FABRICATION ORDERS

Our latest fabrication innovation, *WCP Express*, allows us the flexibility to produce fast-track fittings from order to shipment in a matter of days. WCP Express understands that even the best planned schedule can be disrupted by your customers’ surprise demands or rapidly changing field conditions. Our WCP Express center is dedicated to helping our customers overcome the hidden challenges that so often appear in so many projects. Enlist the resources, expertise, and quick turnaround production methods of WCP Express to help smooth out the next rough spot in your job.



WATER FACT #6

*In one hour, 1,000 gallons
can run through a garden hose.*

WELD BELL JOINT PREPARATION

4” through 36” steel pipe ends are prepared by either expanding the ends with a swedge or by roll-forming to customer’s specifications. End preparation can be done in either 20 or 40 foot lengths with a maximum stab depth of 2½”.



SERVICES



SANDBLASTING

With an automated spin blast system capable of 8" to 72" Diameter, West Coast Pipe can and will exceed your internal sand blast specifications. Capabilities range from a basic commercial blast (SSPC-SP6) to remove common surface scale and rust or a near white blast (SSPC-SP10) for your strictest specifications.



WATER FACT #7

One six-pack of soda costs the same as 4,000 glasses of tap water.



ROLLING & FORMING

Concentric or Eccentric reducers, Wedding bands and butt strap assemblies from 6" to 96" diameter, up to 6'-0" long x 1/2" thick can be shop rolled and formed right in our Rialto plant. We keep a stock of .250", .375" & .500" A36 steel plate on the ground at all times for expedited processing times and delivery.



STOCK WELDED STEEL PIPE

We consistently maintain a large inventory of AWWA manufactured and A53 / API welded steel pipe from 10 gage to heavy wall materials. Cement lined and cement coated pipe is processed and ready for immediate shipment from our stock. Do you have any special material requirements? Call us, and we'll be more than willing to find it for you.



WATER FACT #8

66% of California's population lives in Southern California. Over 60% of water in Southern California is imported from outside sources.

STOCK BUTT-WELD STEEL FITTINGS & FLANGES

In order to maximize our buying power and offer competitive pricing, we purchase bulk containers of seamless butt weld fittings, forged steel and AWWA plate flanges. From 4" through 36", West Coast Pipe is your source for cement mortar lined and coated 90's, 45's, Tee's, Reducers and weld neck flanges.

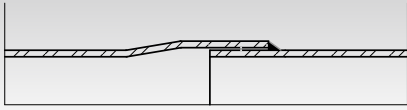
Need 150# or 300# Slip-on flanges? Perhaps you need Class D, E, F ring or blind flanges. We maintain a stock of all your steel fitting and forged or plate flange needs. We especially stock special bore flanges for AWWA size pipe.



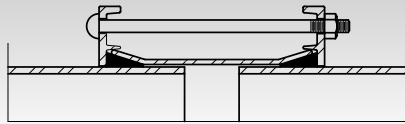
REFERENCE

COMMON PIPE JOINTS

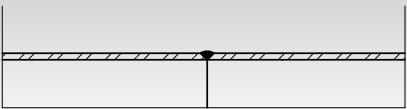
**WELDED LAP JOINT
(Bell & Spigot)**



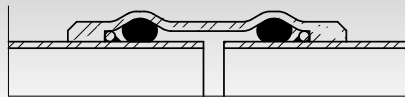
**MECHANICAL JOINT
(Sleeve-Type Coupling)**



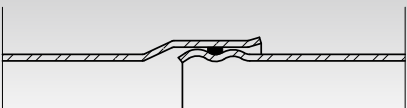
BUTT-WELD JOINT



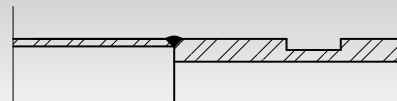
**MECHANICAL JOINT
(Depend-O-Lok Coupling)**



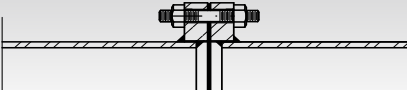
**“O” RING GASKET JOINT
(Bell & Spigot Rolled Groove)**



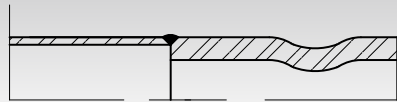
**MECHANICAL JOINT
(Cut-Groove Victaulic End)**



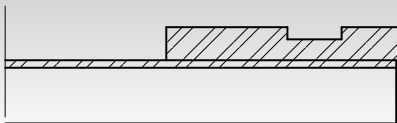
FLANGED JOINT



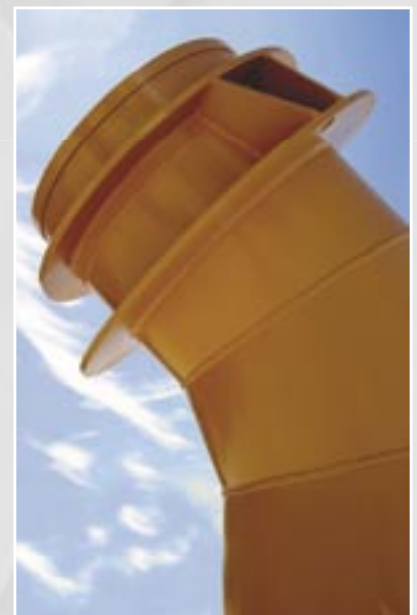
**MECHANICAL JOINT
(Rolled-Groove Victaulic End)**



**MECHANICAL JOINT
(Type-D Shoulder Victaulic End)**



Nominal Diameter	AWWA Pipe Size (O.D.)	
4"	4 1/2"	(4.500)
6"	6 5/8"	(6.625)
8"	8 5/8"	(8.625)
10"	10 3/4"	(10.750)
12"	12 3/4"	(12.750)
14"	15 1/4"	(15.250)
16"	17 3/8"	(17.375)
18"	19 25/32"	(19.781)
20"	21 25/32"	(21.781)
24"	25 3/4"	(25.750)
30"	31 7/8"	(31.875)
36"	37 7/8"	(37.875)
40"	41 7/8"	(41.875)
42"	43 7/8"	(43.875)
48"	49 7/8"	(49.875)



THEORETICAL WEIGHTS PER LINEAL FOOT FOR CEMENT MORTAR LINING							
O.D. SIZE	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS
	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
POUNDS PER LINEAL FOOT							
3.500"	2.66						
4.500"	3.42	4.20					
6.625"	5.18	6.41	7.61				
8.625"	6.83	8.48	10.09				
10.75"	8.59	10.68	12.73				
12.750"	10.25	12.75	15.22	20.08			
15.250"	12.94	16.11	19.25	25.46	31.57	37.57	48.85
17.375"	15.59	18.18	21.74	28.77	35.71	42.54	55.48
19.781"		20.70	24.06	31.88	39.59	47.20	62.10
21.781"		22.77	26.55	35.19	43.73	52.16	68.72
25.750"			31.52	41.81	52.01	52.10	81.97
31.875"			38.64	51.75	64.43	77.00	101.84
37.875"			45.92	61.69	76.85	91.90	121.71
43.875"				71.56	89.18	106.69	141.39

AWWA C205 CEMENT MORTAR LINING THICKNESS			
PIPE SIZE	4" to 10"	11" to 23"	Over 36"
COATING THICKNESS	1/4"	5/16"	1/2"

Lining Tolerance is + 1/8" - 1/16"

THEORETICAL WEIGHTS PER LINEAL FOOT FOR CEMENT MORTAR COATING						
O.D. SIZE	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS
	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"
POUNDS PER LINEAL FOOT						
3.500"	6.44	8.25	10.14	14.17	18.51	23.18
4.500"	8.28	10.61	13.04	18.22	23.81	29.81
6.625"	11.80	15.01	18.32	25.26	32.61	40.36
8.625"	15.11	19.15	23.29	31.88	40.88	50.30
10.75"	18.63	23.55	28.57	38.92	49.68	60.86
12.750"	21.94	27.69	33.54	45.54	57.96	70.78
15.250"		34.42	41.61	56.30	71.42	86.91
17.375"		38.56	46.58	62.93	79.70	96.97
19.781"		42.70	51.55	69.55	87.98	106.83
21.781"			56.51	76.17	96.26	116.70
25.750"			66.45	89.48	112.81	136.62
31.875"			81.35	109.29	137.65	166.42
37.875"			96.26	129.16	162.49	196.21
43.875"			111.25	149.19	187.58	226.42

AWWA C205 CEMENT MORTAR COATING THICKNESS			
PIPE SIZE	4" to 12"	13" to 19"	Over 19"
COATING THICKNESS	3/4"	3/4"	3/4"

Coating Tolerance is +1/8" - 0

Due to AWWA C205 tolerances, weights are approximate*





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