

LEAD INDUSTRIES ASSOCIATION

Graybar Building, 420 Lexington Avenue
New York, N. Y.

January 28, 1932.

To The Members of the Lead Industries Association:

By unanimous action of the Executive Committee, the Lead Industries Association today adopted as a standard the lead pipe sizes shown on the attached table.

The standard in question has been established so that all sizes of lead pipe in the following classifications will safely withstand the constant cold water pressure indicated for each classification:

<u>Classification</u>	<u>Safe Pressures in Lbs. Per Sq. Inch</u>
A or S	50
AA or XB	75
AAA or XXS	100

Heretofore the safe working pressure of these classes of lead pipe has decreased as the diameter of the pipe has increased. The principal changes occur in diameters of 1 in. to 2 in. Alterations made in sizes below 1 in. are of minor importance and small in number but have been made to introduce a uniformity which does not now exist among the lead pipe sizes of various manufacturers.

It is not to be expected that the transition to the new standard will occur overnight. A period is necessary to educate the consumers of lead pipe. In the meantime there is no objection to the use of current sizes but we would respectfully suggest that the new standard be used, if possible, and where old or former sizes are ordered that the weight per foot be specified to avoid confusion.



-2-

The technical press is being notified of the adoption of the new standard and in the near future the Lead Industries Association expects to publish a booklet on information about lead pipe which will help to inform plumbers, water works engineers and others interested in the subject.

It may be of interest in passing to know that the City of Washington, D. C. has already modified its plumbing code to use the Lead Industries Association standard and its attendant advantages.

Respectfully yours,

J. E. Worman

Secretary.

LEAD PIPE SIZES

Lead Industries Association Standard

Size Inside Diameter	Classification		Outside Diameter	Weight per Ft.	
	Fast	Test		Lbs.	/in.
3/8 in.	E	AQ	.620 in.		8
	D	XL	.549		10
	C	L	.577		12
	B	M	.631	1	
	A	S	.725	1	8
	AA	XS	.811	2	
	AAA	XXS	.868	2	8
1/2 in.	E	AQ	.628		9
	D	XL	.666		12
	C	L	.712	1	
	B	M	.756	1	4
	A	S	.798	1	8
	AA	XS	.876	2	
	AAA	XXS	1.012	3	
5/8 in.	E	AQ	.766		12
	D	XL	.803	1	
	C	L	.881	1	8
	B	M	.963	2	
	A	S	1.019	2	8
	AA	XS	1.082	3	
	AAA	XXS	1.137	3	8
3/4 in.	E	AQ	.906	1	
	D	XL	.940	1	4
	C	L	1.006	1	12
	B	M	1.068	2	
	A	S	1.156	3	
	AA	XS	1.212	3	8
	AAA	XXS	1.336	4	12
1 in.	E	AQ	1.192	1	10
	D	XL	1.232	2	
	C	L	1.284	2	8
	B	M	1.356	3	4
	A	S	1.428	4	
	AA	XS	1.492	4	12
	AAA	XXS	1.696	6	

LEAD PIPE SIZES (Cont'd)

Lead Industries Association Standard

Size Inside Diameter	Classification		Outside Diameter	Weight per Ft.	
	Fast	Test		Lbs.	SZ.
1-1/4 in.	E	AQ	1.442 in.	2	
	D	XL	1.486	2	8
	C	L	1.528	3	
	B	M	1.592	3	12
	A	S	1.670	4	12
	AA	XS	1.765	6	
	AAA	XXS	1.889	7	12
1-1/2 in.	E	AQ	1.740	3	
	D	XL	1.776	3	8
	C	L	1.830	4	4
	B	M	1.882	5	
	A	S	1.984	6	8
	AA	XS	2.076	8	
	AAA	XXS	2.272	11	4
1-3/4 in.	D	XL	2.024	4	
	C	L	2.086	5	
	B	M	2.146	6	
	A	S	2.193	6	12
	AA	XS	2.404	10	8
	AAA	XXS	2.624	14	12
2 in.	E	AQ	2.185	3	
	D	XL	2.284	4	12
	C	L	2.354	6	
	B	M	2.410	7	
	A	S	2.503	8	12
	AA	XS	2.751	13	12
	AAA	XXS	3.008	19	8
2-1/2 in.			2.75	5	
			3.00	10	10
3 in.			3.25	6	
			3.50	12	8
4 in.			4.25	7	14
			4.50	16	6
5 in.			5.25	9	14
			5.50	20	4
6 in.			6.25	11	13
			6.50	24	2

Lead pipe in sizes and weights per running foot
other than indicated made to specification.