



ENVIROSAFE SEALING SYSTEMS CO., INC.

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GUIDELINES FOR FILLING OUT MEASUREMENT FORMS CATCH BASINS

1. Remove grating and scrape all loose debris and scale from the sides & bottom of the area that supports the grate that covers the catch basin. If the lip area is concrete, check for chipped or broken areas and repair as necessary.
2. Take a photo or photos showing entire CB & all pipes. Orient and mark photo to match measure form.
3. A & B dimensions are for the lip area that holds the existing grate. If the lip area is a cast iron frame & grate, it tapers top to bottom. Take measurement at bottom of frame. (Note: If grate is not flat, **fill in frame & grate measurements on measure form for appropriate grate.**)
4. C & D dimensions are the opening the ESSCO Sewer Seal must fit. Take measurements at both ends and center. Check measurements at 20" depth to insure CB is not tapered. Check for any obstructions that would prevent the sewer seal from being inserted into the opening. All catch basins are not square; some will have a chamfer in each corner. Indicate size of chamfer on measure form.
5. E dimension is the depth of the CB. If water or sludge is present, use a probe to locate bottom of CB.
6. F dimension is the depth to top of outlet (Pipe 1). L, V & X dimensions are to the tops of any inlet (Pipes 2, 3 or 4). **Recording Type of outlet or inlet on form is required.**
7. H dimension is size of outlet (Pipe 1). K, V & Y are sizes on inlet pipes. H1, K1, V1 & Y1 must be entered if inlet or outlet is Type C or D as shown on measure form.
8. G, M, X or ZZ dimension is the distance any obstruction extends into the CB.
9. Accurate Location of the outlet & inlet lines is important to designing the ESSCO Sewer Seal to fit properly. Do not allow for clearance. If dimension measures 24", record it as 24". If it is recorded as 23 1/2", it will be designed as 23".
10. Internal dimensions of the CB should add up. For example, if D dimension is 36", then H or H1 + I + J should be 36".
11. Do not hesitate to contact us with any questions. If something is different than what's on the measure form, take a photo and/or send a sketch and we will let you know what dimensions we require.