



“I’VE BEEN IN PLUMBING OVER 40 YEARS, AND I COULDN’T IDENTIFY IT.”

Joe Messina, Discipline Director of Plumbing / HDR, Atlanta



PVC has a max temperature rating of 140 degrees, for high temperature, underground or demanding projects, CISP is the more durable choice.

Why Value Engineering to PVC doesn’t make sense to Joe Messina.

“The maintenance guy presented me with a hunk of melted plastic, and even after we figured out what happened, I couldn’t see it as a 4” PVC elbow.

“The cool-down unit had failed on an old cage wash system. So it was discharging 200+ degree water and steam into the sanitary sewer.

“The owner took one look at that ball of melted plastic and said, ‘No more PVC pipe.’

“Every project we do, we recommend CISP below the slab. And on every project, someone tries to VE it to PVC. We always resist.

“One project proposed saving \$20,000 by going to PVC. But it was \$20,000 on a \$2 million project. That’s nothing. Especially when you consider that if it ever fails, you’ll pay six times that to replace it. At least.

“PVC has its place, but never below the slab.”

For more case studies about the perils of value engineering, go to charlottepipe.com/VE