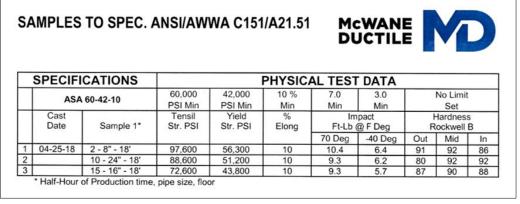


Ductile Iron Pipe Certifications - What They Provide

Old West stories of yore and so many movies of the past have shown persons biting down on a gold or silver coin to verify its authenticity. Surely there must be a better way, especially in the modern era, and there is - they are called mill certifications. In the case of ductile iron pipe these certifications capture all the pertinent quality assurance information related to a reliably small window of a pipe casting period. Complete traceability is achieved from the combination of integrally-cast markings upon every pipe, along with a time-stamped serial-coded production sticker attached to the exterior of each pipe at the bell end. Concepts and information addressed in this session include:

- Base chemistry of the metal raw iron mix as melted into a liquid,
- ductile chemistry following conversion from raw metal liquid into ductile iron,
- the DI run number day of the year the pipe was cast (Julian calendar 001 365),
- country and specific location of manufacture,
- physical proof material test results Charpy impact, tensile strength & elongation,
- visual and gauged inspections confirming critical measurements of the bell, barrel, and spigot of the pipe,
- 500-psi hydrostatic pressure test of each pipe individually, no exceptions.





Presentation Duration: can be tailored from 30 to 45 minutes per client's request.

Available Presenters: McWane Ductile Regional Engineers, Product Engineers and select local Sales Representatives. Details provided upon scheduling of a Training Session.

Prior Presentation Locations: 12 of the 48 contiguous United States. CEU / PDH / TCH professional development hours available in select locations.

Contact: www.mcwaneductile.com/sales-support/sales-operations or pe.mcwane.com