

MERIVALE DESIGN GROUP SAVES CONTRACTOR £1000'S



DESIGN - EPM

"Engineered Pipe Model" from Pipe Design Service take the guess work out of pipe designs.



REDUCE YOUR SPEND

Better calculations result in a reduced amount of equipment needed . Saving you money!



SAFETY AND ASSURANCE

All our EPM's are strictly designed to the British and European design codes: BS EN 13480-3

Powered by:



QUICK PIPE STRESS
ANALYSIS & SIZING

FLEXIBILITY IS KEY

Merivale Design Group. uses computational stress analysis models when designing pipework, the key benefit is the system is designed with a realistic level of flexibility and to the correct design code.

The calculation method incorporates "Beam theory" in which the actual wall thickness and diameter of a pipe is used to accurately calculate its flexibility.

In this example a basement distribution pipework was deemed to require a minimum of 4 expansion joints when calculated using traditional rules of thumb and hand calculation methods. **Merivale Design Group.** could remove these expansion joints, without altering the pipe and with only minor bracketry modifications.

The result was a fully code compliant design to **BS EN13480-3** but just cheaper!

ARE YOU PAYING TOO MUCH FOR THERMAL EXPANSION?