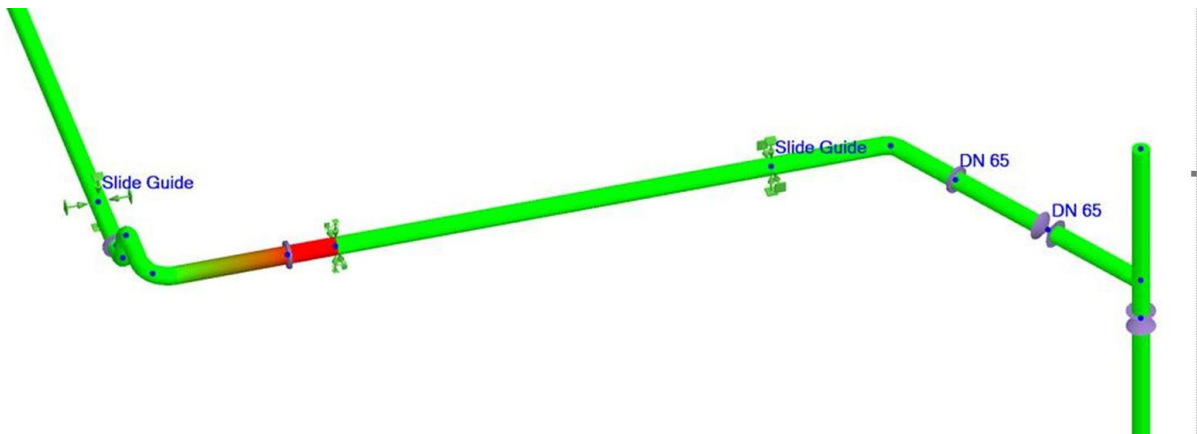


TAKE THE STRESS OUT OF PIPEWORK DESIGNS



DESIGN - EPM

"Engineered Pipe Model" from Merivale Design Group provide comprehensive drawings and support details



SITE REVIEWS

Experienced and fully trained engineers are available to visit your installation review the install and sign off against the EPM.



DELIVER ON TIME

Calculating the system in advance allows sites to order materials ready for installation. No Delays or reworks



SAFETY AND ASSURANCE

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

Powered by:



A HOLISTIC APPROACH

Merivale Design Group uses computational stress analysis models when designing piping systems, utilizing the British and European code **BS EN13480-3**, checking, validating and providing modifications to achieve **code compliance**.

There are many factors which can cause undue stress in pipework these include:

- Dead-weight of pipe,
- insufficient supporting(Sag),
- Thermal EXP movement,
- Seismic,
- Building movement
- Settlement,
- Water hammer,
- Wind loads and more.

An **Engineered Pipe Model** provides all the information required to ensure a safe and quality install including reports on:

Pipe Stress, complete list of supports including loads, end loads for plant and nozzle connections, movements at penetrations and fire stopping, Flange leakage analysis, spring support sizing.

HOW DO YOU ENSURE A LEAK FREE DESIGN / INSTALL?