

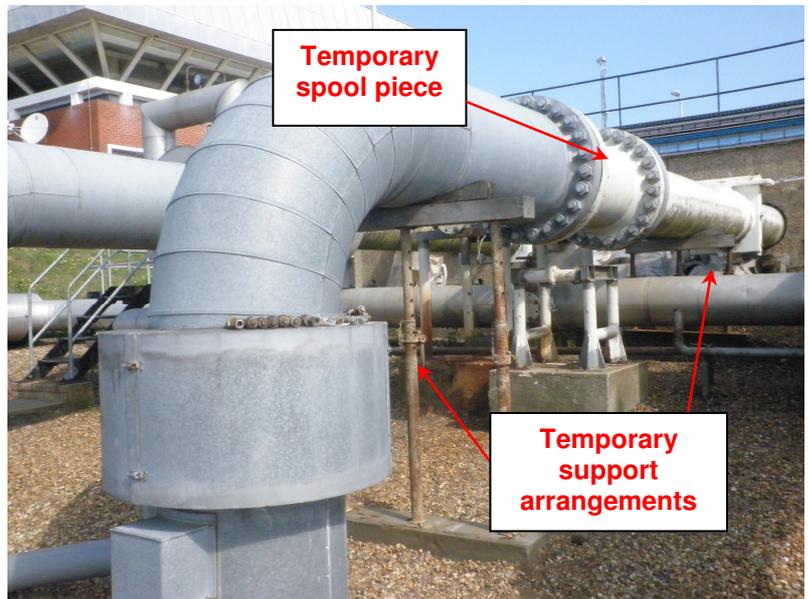
## Management & Use of Temporary Pipework on the National Transmission System

During a recent visit by the Health & Safety Executive, an issue was identified with the use of temporary pipework on site which had not been treated as a modification to plant and equipment. The concerns related to demonstrating the suitability of the pipe supports and temporary spool pieces being used to facilitate the removal of heat exchangers. This introduced a significant process safety risk to the site, which is currently under investigation.

All modifications, temporary or permanent, are controlled by T/PM/G35 to ensure the safety of people, assets and the environment.

When installing temporary pipework, as was the case at Bacton, it must be demonstrated that the temporary spool piece and associated pipe supports have been designed and appraised in accordance with T/PM/G35.

This should happen prior to work commencing.



### **Actions: Area Transmission Managers to ensure that:**

All staff shall be reminded of the requirements to adhere to T/PM/G35 where modifications, including temporary works, are required on NTS plant and equipment:

- Temporary pipework must be designed and manufactured to the same standards as the permanent installation pipework, including ensuring all relevant materials, testing and NDT certification is available for the modification.
- The design for the modification shall include all temporary pipe supports and take into account loading and operational conditions such as pressure, temperature and flow.
- Pipework should not be used where there is no test history or associated T/PM/G35 appraisal.
- New bolts and gaskets shall be used as part of the installation and the torque settings and bolting sequences specified in T/SP/E/55 adhered to.

If you are any doubt regarding the application of this bulletin, please contact either: Jo Harris, Brian Woodhouse or Jeremy Sandford for guidance and support.

For further information regarding this bulletin please contact your Line Manager or your Authorising Engineer or alternatively contact Jo Harris on 07990 564244