

## PIPELINES 2004 – NO DIG



### **HDD: Horizontal Directional Drilling**

### **HDD: Hazardous, Danger of Death**

Horizontal Directional Drilling and other similar trenchless techniques can reduce the risk from working in open excavations and can save time and money in the right location. The avoidance of existing underground plant, structures, contaminated ground etc. is essential if risks are to be properly controlled.

### **HSE INSPECTIONS CAN BE EXPECTED TO FOCUS ON**

- Site Safety Plan – Utility Drawings available, Site suitability of HDD technique;
- Underground (U/G) Plant Location – U/G Plant Operators contacted, Site visual survey completed, Cable locator used, U/G Plant marked, Underground structures identified?
- Permit to Work/Permit to Drill – Suitable and Sufficient Risk Assessments and safe system of work developed, Site-specific authorised Permit to drill, Method Statement, Plant Electrical Earthing arrangements satisfactory, site communication arrangements;
- Proximity Distances from Identified Plant – Clearly understood on site e.g. Parallel Runs, Lateral Crossings, Crossing points excavated, Utility Operators requirements incorporated;
- Competency – HDD Operators, Training records;
- Emergency Procedures – Detailing what to do if gas mains (LP/HP), other pipelines, Electricity cables (LV/HV), etc are damaged;

Free information is available from: HSE website: [www.hse.gov.uk](http://www.hse.gov.uk).

Priced publications can be obtained from: HSE Books on Tel:01787 881165 or Fax: 01787 313995