Dangerous Substance Explosive Atmosphere Regulations

Note by Tony Sonehewer of National Grid on application to existing installations (Regulations come into force 1/7/06).

Areas National Grid would like to share its approach on with other operators would be:-

1. What have organisations included in their Explosion Protection Documents?

2. Assess Risk of ignition source from Mechanical Devices (Actuators etc) - what work have organisations done to assess their equipment?

3. Site Signage - where and which signs are people intending on using?

4. Assessment of existing installations and demonstration that existing electrical and instrumentation equipment is fit for purpose where existing records are not available?

In addition to the above, other areas that National Grid would find useful to discuss and share are as follows:

   i)   CP monitoring - Current inspection practices - service providers used - databases to record and analyse CP data.

   ii)   Permit Systems - Approach to permitry - monitoring systems - auditing practices - databases etc.

   iii) Block Valves - No of valves on pipeline - remote operation / shut down - maintenance / inspection regime / site security etc.

   iv)   Pipeline Markers - size visibility of markers maintenance approach - information presented on marker posts

   v)   Land owner liaison processes - how methods used to maintain profile what works what doesn't etc.

Finally National Grid would like to discuss the possibility of sharing the cost per km for specific pipeline related activities.