

JSA ANALYSIS



Authors: M.Anderson	TESTS AND CHECKS	Job Safety Analysis Number: DST/JSA-007
Date Issued: 09/05/2005		Locations: All Locations
Required Personal Protective Equipment: Long sleeve shirt (coveralls), safety boots, hard hat, safety glasses, gloves, gas monitor		

Job Steps	Potential Hazardous Conditions	Recommended Actions
Lease safety audit.	Explosive atmosphere or hazardous area. Bites, stings, scratches from vermin, reptiles, spiders. Uneven ground, slips, trips and falls. Strains and sprains when lifting old cellar boards, metal covers. Contaminated fluid in cellars. Loose or unstable equipment.	Continuous gas monitoring. Be observant, avoid them. Care when walking around and carrying objects. Team work and safe manual handling practices. If uncertain what it is avoid it until it can be proved. Report the findings. Test all cellar boards and covers before waking on them, inspect gin pole nuts and bolts.
Recording pressures.	Leaking gas and or fluids. Trapped pressure. Damage to equipment.	Ensure equipment is in service. Threads have gas tape on them. Only install needle valves with bleeds. Never just install a taylor plug. Use only matching fittings (eg. NPT/NPT)
Test – Inspection of wellhead for VR or control plug.	High pressure behind solid bull plugs. May be below ground level. May have to dig. Valve may have corroded. Bull plugs may conceal a control or VR plug. Mistake the difference between a VR and control plug, fitting the wrong one. Deep cellars, confined space entry.	Do not remove a solid bull plug unless can be proved there is no pressure behind it. Extreme care when digging around wellheads. Control plugs interchangeable with valve removing plugs. The valve in the control plug permits a pressure gauge to be installed or removed at will with safety. VR plugs are solid. Report and do not enter deep cellars.
Function test valves. Replace if necessary.	Trapped pressure. Damage to equipment. Strains, abrasions.	Check secondary bleed, prove that there is no trapped pressure before removing any valve. use correct tools for the job, stop before stripping threads. Team work and wear PPE.