

power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in parformance capabilities. Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1)Multiple sure-operated aevices simultaneously within seconds; after clouve, percent of the original. (3) When requested, an additional source of

A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventer. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment. The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions

The choke manifold, choke flow line, relief line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line, relief line, and choke lines shall be constructed as straight as possible and without therp bends. Easy and safe access is to be maintained to the choke manifold. If deemed necessary, wolkways and statiways shall be eracted in and around the choke manifold. All valves are to be safected for operation in the presence of all, gas, and drilling fluids. The choke flow line valves and relief line valves connected to the drilling spool and all rom type proventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the days of the derick substructure. All other valves are to be equipped

* To include derrick floor mounted controls.