

blowing and heaving should be provided for accumulator, blowout preventers and choke manifold where conditions warrant

17. All drill string blowout prevention equipment must be maintained in good operating condition and stored in an orderly condition on the rig floor.
18. Operating wrenches for the drill string BOP equipment are to be kept in full view near the driller's position.
19. Contractor to make no connection to casing head side outlets except by orders of PZL.
20. Keep on rig:
 - (a) One spare set of pipe rams, complete with packing rubbers for each size of drill pipe in use.
 - (b) Replacement parts for all manual adjustable chokes along with the necessary tools for changing parts.
21. When a rotating head is in use on the BOP stack, dresser sleeve connections in the flowline are not permitted.
22. Hand wheels and extensions (outside the substructure) shall be installed for operating the locking screws on all ram preventers and hydraulically operated gate valves on the choke and kill lines. If the installation of these extensions create a safety hazard or for some avoidable reason cannot be properly installed, a hand crank or wrench should be readily available to operate the locking screws.
23. When a wear bushing is required, only the lock-in type shall be used.
24. Waterlines and valves shall be connected and ready for use on all internal combustion engine exhausts.
25. The cellar is to be kept jetted and the preventer stack and choke manifold washed down at all times.
26. All valves are to be lubricated at regular intervals.
27. All valves are to be clearly identified as being open or closed.
28. Proper alignment of the rig with the center line or the BOP stack and casing shall be maintained at all times.
29. All flange bolts on the stack, kill line and choke manifold should be tightened at least once each week.