

1. List three ways to seal a turbine
2. List two methods used to balance a turbine and explain one in detail
3. What is Boyle's law, What is Charles law
4. Give reasons for a temperature increase in cooling water in a condenser
5. How do you calculate the efficiency of an engine
6. List 6 common reasons for vibration in a turbine
7. Where would you expect to find damage from excessive vibration
8. Lube oil conditioner system 4 types describe all 4
9. How do you check the over speed controls on a turbine
10. You are ordering a new blow off tank for a boiler with 700 psi MAWP steam and water drum 42" diameter, 24' long, What code is used to determine the proper size of the blow down tank
11. In an impulse turbine is there a pressure drop in the wheel, where does it occur
12. Describe a stiff shaft, and flexible shaft turbine
13. What is the purpose of flux on a welding rod
14. Conduct an over-speed trip test on a large turbine driven pump.