

Chapter 14.1

1. What adjustments can be made to an operating AC generator to change the generated voltage?
2. What adjustment can be made to an operating AC generator to change its frequency?
3. Explain the operation of a brushless excitation system used with some AC generators.
4. When a relatively heavy load is connected to an AC generator, the frequency and voltage output of the machine are reduced. Explain why this happens. What equipment is provided to minimize this effect, and how does it work?