|  |  |  |  |
| --- | --- | --- | --- |
| Name |  | Date |  |
| Objective | | | |
| Complete the information below based on the four motor examples given in class. | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | Motor A | | | | Model |  | | | Horsepower |  |  | | Voltage |  |  | | Phase |  | | | Amps |  |  | | Service Factor |  | | | Revolutions Per Minute |  | | | NEC Code |  | | | Duty |  | | | |  |  |  | | --- | --- | --- | | Motor B | | | | Model |  | | | Horsepower |  |  | | Voltage |  |  | | Phase |  | | | Amps |  |  | | Service Factor |  | | | Revolutions Per Minute |  | | | NEC Code |  | | | Duty |  | | |
|  |  |
| |  |  |  | | --- | --- | --- | | Motor C | | | | Model |  | | | Horsepower |  |  | | Voltage |  |  | | Phase |  | | | Amps |  |  | | Service Factor |  | | | Revolutions Per Minute |  | | | NEC Code |  | | | Duty |  | | | |  |  |  | | --- | --- | --- | | Motor D | | | | Model |  | | | Horsepower |  |  | | Voltage |  |  | | Phase |  | | | Amps |  |  | | Service Factor |  | | | Revolutions Per Minute |  | | | NEC Code |  | | | Duty |  | | |

Describe the circuit given below.



Circuit operation in *Hand* mode.

Circuit operation in the *Off* mode.

Circuit operation in the *Auto* mode.