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Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Please prepare an inventory of compressors in your facility and complete below nameplate for each one of them. Some types of compressors are listed as below:
   1. Single Acting Reciprocating
   2. Double Acting Reciprocating
   3. Lubricant Injected Rotary Screw
   4. Lubricant Free Rotary Screw
   5. Centrifugal
   6. Scroll
   7. Vane

**Note**: if you have already included the information into your block diagram, you do not have to do this assignment.

Table

Description automatically generated

1. What's the compression ratio of the single stage compressor below?
   * 13.5 psia inlet pressure
   * 113.5 discharge pressure
2. List your questions about the compressors in your facilities.