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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.



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.