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

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

1. A factory is located in the Southeast USA. All of piping is located indoors and not subject to freezing temperatures. The compressed air use in the factory is primarily in manufacturing production. What would be the most appropriate type of dryer to use and why?
2. What type of dryer uses a porous material that adsorbs the moisture with compressed air or heat reactivation?
3. What type of dryer uses a drying medium that absorbs the moisture in compressed air?
4. What type of dryer uses a material that uses a material that allows water vapor to pass through pores faster than other gases thus reducing the water vapor?
5. What type of dryer cools the air to remove the condensed moisture before the air is reheated and discharged?
6. Refrigerated dryer ratings are based on standard dryer inlet conditions. Dryer ratings must be corrected for conditions other than these standard conditions. What are the three temperature conditions an air-cooled refrigerated dryer is rated for?
7. What type of filter can remove oil aerosols?