China Medical University Checklist for Regular Inspection of Air Compressors

Department： Laboratory： Inspection date： Year Month Day

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Check item | Inspection method | Test result | Improvement measures to be taken based on inspection results | Remark |
| (1) Barrel inspection |  |  |  |  |
| 1 | Any noticeable damage or corrosion on the inside and outside? |  |  |  |
| 2 | Any noticeable cracks or deformations on the inside or outside? |  |  |  |
| 3 | Any abnormality on the cover, flange, and etc.? |  |  |  |
| 4 | Any abnormality in valves, cocks, and etc.? |  |  |  |
| 5 | Any abnormality in the performance of the safety valve? |  |  |  |
| 6 | Any abnormality in the performance of the pressure gauge? |  |  |  |
| 7 | Is the draining valve functional or blocked? |  |  |  |
| 8 | Any abnormalities in the performance of other safety devices? |  |  |  |
| 9 | Other matters necessary to maintain performance. |  |  |  |
| (2) Airframe inspection |  |  |  |
| 1 | Any leakage in individual pipelines? |  |  |  |
| 2 | Does the lubricating oil actually lubricate? |  |  |  |
| 3 | Are the pulley and shaft worn? |  |  |  |
| 4 | Does the filter operate normally? Or is it ruptured or leaking. |  |  |  |
| 5 | Are any individual bolts loose, absent, or worn? |  |  |  |
| 6 | Is the equipment grounded properly to release statics? |  |  |  |
| 7 | Any abnormalities in the motor and compression pump? |  |  |  |
| Precau-tions | 1. This form is developed in accordance with Article 35 of the "Occupational Safety and

Health Management Measures."1. The periodic inspection should be conducted once a year and the record kept on file for 3 years for future inspection.
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Inspector： Laboratory teacher：

Chair：