Qualifications for Meteorological observer in CMA

The observer shall,

1. Have the good knowledge of meteorology, and be familiar with basic character of atmosphere and its changing property;
2. Have the excellent knowledge of the basic concept and principle of meteorological observation, and be Familiar with the definition of various meteorological elements and weather phenomenon, observation method, and the change rule.
3. Have the excellent knowledge of the principle and method of remote sensing remote sensing.
4. Understand the structure, basic principle, observing method, the applicable scope, error sources and its reducing method of main meteorological observing instrument.
5. Have the basic knowledge of meteorological observation data quality control technology, and be able to analyze and judge the error of observation..
6. Be familiar with the current situation of integrated meteorological observation system of CMA, the developing ideas, objectives, principles and main content;
7. Master the basic knowledge of best practice and manual of surface observation, upper-air observation, weather radar observation, and be able to use relevant operational software.
8. Master basic computer skill, and be able to skillfully use common office software, computer network basic setup, data backup, computer virus protection;
9. Have certain self-study ability and scientific research ability, be cable of summarizing observation experience, carrying out technical improvement and research, writing technical papers.