ABSTRACT

CALIBRATION INFORMATION SYSTEM TO SUPPORT GMP (GOOD MANUFACTURING PRACTICES) IN PT. BIO FARMA (Persero)

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Information is the most important component in current era whereas technology is continuously growing. Calibration information is one important factor to support manufacturing pocess. Calibration is an activity / procedur to ensure that measuring equipments or instruments used for production , quality tests, and other activity are meeting requirements by comparing them with standar measuring equipments which are calibrated by credited institution. PT. Bio Farma is a vaccine manufacture operating in Indonesia and has been pre-qualified by WHO.

Calibration information system support GMP in PT. Bio Farma is one solution to control calibration process in PT. Bio Farma. By using PHP programming language and MYSQL database, this information system expected to assist calibration process. Start from the generation of calibration requests coming from users, to confirmation by Quality Assurance and validation and calibration department. This system will also help validation and calibration department to generate calibration report and make the recapitulation of the reports.

Testing of information systems consist of alpha where the alpha testing use black box testing method that focuses on the functional requirements of software, while for the beta testing of field testing by giving questionnaires to users of this system. After testing alpha and beta the functional information system calibration has been able to produce the expected output and be user friendly and can facilitate and assist in the calibration.

Keyword : Information System, calibration, GMP (Good Manufacturing Practices),

PT. Bio Farma (Persero)