7.xx Automated technology final check. (1) AUTOMATED TECHNOLOGY FINAL CHECK QUALIFICATIONS. Automated technology may perform the final check of a prescription which meets all of the following:

(a) Located in the pharmacy within the licensed pharmacy.

(b) Utilizes barcodes or machine readable technology to complete the final check.

(c) Completes the following validation process:

1. The automated technology shall make a final check for accuracy and correctness of a minimum of 2500 final checks and achieve an accuracy rate of at least 99.8%

2. A pharmacist shall audit 100% of the final checks made by the automated technology during the validation process.

(d) The automated technology shall be revalidated if the software is upgraded or any component of the automated technology responsible for the accuracy of the final check is replaced or serviced outside of the manufacturer's standard maintenance recommendations.

(2) ELIGIBLE MEDICATIONS. The automated technology may do the final check if the medications meet all of the following:

(a) Contained in a final package from a manufacturer or if packaged in the pharmacy a licensed pharmacist has ensured that the packaging process results in a final package that is labeled with the correct drug name, dose, strength, form, control or lot number, and beyond use date.

(b) Is prospectively reviewed by a pharmacist for clinical appropriateness prior to leaving the pharmacy.

(c) Administered by an individual authorized to administer medications at the institution where the medication is administered.

(3) POLICIES AND PROCEDURES. Each pharmacy shall maintain policies, procedures, and training materials for the automated technology final check which shall be made available to the board upon request.

(4) RECORDS. (a) Each pharmacy shall maintain for five years the following records:

1. All validation records of each automated technology that include the dates that the validation occurred, the number of final checks performed, the number of final check errors, and overall accuracy rate.

2. Names of the supervising pharmacist including the start and end date of supervision responsibilities.

3. Documentation of the completion of the manufacturer's recommended maintenance and quality assurance measures.

4. Documentation of the dates of all software upgrades.

5. Documentation of all service performed outside of the manufacturer's standard maintenance recommendations.

(b) Records shall be made available to the board upon request.

7.xx Technician-check-technician. (1) DEFINITIONS. In this section a technician means:

(2) TECHNICIAN QUALIFICATIONS. A pharmacist may delegate the final check of a prescription to the technician who meets all of the following:

(a) Works an average of at least 20 hours per week with a minimum of 6 months at the pharmacy.

(b) Has a minimum of 2000 hours of experience as a technician.

(c) Completed a didactic and practical training curriculum that includes the following:

1. Elements of a package label.
2. Medication and pharmacy abbreviations needed to match ordered medication with dispensed medication.
3. Common dispensing medication errors and concepts including all of the following:
    a. Wrong medication.
    b. Wrong dose.
    c. Wrong dosage form.
    d. Extra or insufficient quantity.
    e. Omitted medications.
    f. Expired medication.
    g. Look-alike or sound-alike errors.
    h. High-alert medications.
4. Organizational policies and procedures on reporting of medication errors
5. Overview of the organization's medication use process including all of the following:
    a. Procurement.
    b. Ordering.
    c. Dispensing.
    d. Administration.
    e. Monitoring.
6. A practical training designed to assess the competency of the technician prior to starting the validation process.

(d) Completion of the following validation process:

1. The technician being validated shall make a final check on the work of another technician for accuracy and correctness of a minimum of 1000 final checks over a minimum of 5 separate days and achieve an accuracy rate of at least 99.8%
2. A pharmacist shall artificially introduce at least one occurrence of each of the following:
    a. Wrong drug.
    b. Wrong dose.
    c. Wrong dosage form.
    d. Extra or insufficient quantity.
    e. Omitted medication.
    f. Expired dose.
3. The pharmacist shall ensure the artificially introduced drugs in subd. 2 are removed prior to delivery to a patient care area.
4. A pharmacist shall audit 100% of the final checks made by the technician during the validation process.

(e) An assessment of the technician's accuracy shall be completed quarterly of the previous 12 months of technician-check-technician final checks. A technician shall be revalidated if the technician fails to maintain a final check accuracy rate of 99.8% or has not performed technician-check-technician final checks within the last six months.

(3) ELIGIBLE MEDICATIONS. (a) *Institutional pharmacies.* The technician may do the final check if the medications meet all of the following:

1. Contained in a final package from a manufacturer or if packaged in the pharmacy a licensed pharmacist has ensured that the packaging process results in a final package that is labeled with the correct drug name, dose, strength, form, control or lot number, and beyond use date.
2. Is prospectively reviewed by a pharmacist for clinical appropriateness prior to leaving the pharmacy.
3. Administered by an individual authorized to administer medications at the institution where the medication is administered.

(b) *Community pharmacies.* The technician may do the final check if the medications meet all of the following:

1. Non-compounded, non-reconstituted, no-mailed, non-delivered medications dispensed to a patient using a method to ensure the right patient is receiving the right drug, dose, and dosage form at the time of dispensing.
2. Following the pharmacy workflow assisted by technology has not been overridden.
3. Is prospectively reviewed by a pharmacist for clinical appropriateness prior to leaving the pharmacy.
4. Is dispensed with a patient consultation which affords the pharmacist and patient a visual check of the medication before it is dispensed or includes a description on the prescription label for the patient to visually check the medication after it is dispensed.

(4) QUALITY ASSURANCE. A minimum of 5% of all technician-check-technician final checks shall be audited by a licensed pharmacist each day that a technician performs a final check. The accuracy of each technician shall be tracked individually.

(5) POLICIES AND PROCEDURES. Each pharmacy shall maintain policies, procedures, and training materials for the technician-check-technician which shall be made available to the board upon request.

(6) RECORDS. (a) Each pharmacy shall maintain for five years the following records:

1. All validation records of each technician that include the dates that the validation occurred, the number of final checks performed, the number of final check errors, and overall accuracy rate.
2. Names of the supervising technician-check-technician pharmacist including the start and end date of supervision responsibilities.
3. Daily quality assurance logs of the 5% pharmacist technician-check-technician audit including all of the following:
    a. Name of the technician.
    b. Total number of final checks performed.
    c. Number of final checks audited by the pharmacist.
    d. Percentage of final checks audited by pharmacist.
    e. Number of final check errors identified.

f. Type of error.

(b) Records shall be made available to the board upon request.