**Section 460.530 Illinois Class 3 Qualification**

a) Metering Types of Voltages. Workers with an MSP Class 3 Qualification are permitted to perform work on all meter types applicable to Classes 1 and 2 meter workers. Class 3 work also includes:

1) Metering up to 600 volts, with transformer-rated meters and with primary and secondary voltages less than 600 volts;

2) Metering systems with instrument transformer primary side voltages over 600 volts;

3) Metering systems with communication wiring behind the panel (work can be in and around energized circuits);

4) Switchboard (panel mounted) meters;

5) All accuracy testing (field);

6) All programming; and

7) Circuit analysis.

b) Work to be Performed

1) A Class 3 meter worker may work in and around energized circuits, as permitted by the procedures and safety rules of the certificated MSP;

2) In addition to performing Class 1 and 2 meter work, a Class 3 meter worker may install, remove and replace meters consistent with the description provided in subsection (a);

3) A Class 3 meter worker may operate test switches and test blocks, perform in-field meter accuracy tests and calibrations, and perform all types of meter maintenance and troubleshooting; and

4) A Class 3 meter worker may program and verify internal programs and software in solid state meters.

c) Safety Skills

1) All of the safety skills required for Class 1 and Class 2 meter workers; and

2) Ability to conform processes to additional electricity hazards, unique customer environments, and complexities associated with metering switchboards, testing meters and maintaining meters.

d) Essential Technical Skills

1) All of the essential technical skills required for Class 1 and Class 2 meter workers;

2) Ability to perform work on metering switchboards;

3) Knowledge of the operating characteristics of metering transformers and the ability to operate test switches and test blocks;

4) Ability to perform calibration, repair, retrofit, troubleshooting, and data collection from electric meters; and

5) Ability to install, maintain and program advanced metering technologies, including time-of-use meters, interval meters, real time pricing, remote meter communication, and load control devices.

e) Determination of Essential Technical and Safety Skills

1) MSPs develop and implement a program to train workers to perform Class 3 meter work safely and properly; and

2) Minimum of one year experience as a Class 2 meter worker, 2000 hours of on the job training with a Class 3 meter worker (with at least 1 year of experience as a Class 3 meter worker), and successful completion of the MSP classroom training program.

f) Meter Worker Certification and Re-certification Requirements

1) Employees are certified by the certificated MSP, based on successful completion of the training program referenced in subsection (e), demonstrated ability to perform Class 3 safety skills and essential technical skills, and prior experience;

2) A Class 3 meter worker who has not performed metering work equivalent to that described in subsection (b) for six months or more shall be re-certified prior to performing Class 3 meter work.

g) Continuing Education. A Class 3 meter worker shall participate annually in at least 12 hours of continuing education. The content of this training shall be determined by the certificated MSP and shall address standards of practice and related safety issues.