

PART 2 PA407, PA230 AND PART 8

23. IS An INSPECTION REQUIRED FOR THE INSTALLATION OF PHONE, CABLE INTERNET ECT

- a. Is a permit required
- b. Is a license required to do the above wiring
- c. Could a city charge a fee for the above

24. is a license required to install a burglar alarm

25. Can a homeowner pull an electric permit?

- a. Can they do their own wiring?
- b. Can there friend who is not licensed help them?
- c. I have a master's license. Can I help them?

26. What is the act that requires an electric permit?

27. can a person do electric contracting without an electric contractors license?

28. Last spring I sent an email to dean Austin in Lansing. I asked him can the following pull an electric permit

- a. A heating contractor who needs a new circuit for a furnace?
- b. The owner of rental property either apts or houses who is wiring his kitchen?
- c. The owner of a restaurant who is changing his service?

29. i don't agree with the inspectors violation. Can I appeal his violation to the state electric board?

30. A bathroom remodel was done without a permit. The violation was given to the homeowner and The painting contractor. Review the violation list.

31. after a rough electric inspection that had electric violations the electric contractor said he was Quitting the job. Now what?

PLAN REVIEW

1. A RECESSED CLOSET LIGHT FIXTURE, TYPE LED SAYS APPROVED FOR CLOSETS ON ITS INSTRUCTION SHEET. CAN I MOUNT THIS FIXTURE 6" OFF THE REAR WALL OF THE CLOSET?
 - a. WHAT IS THE DEFINATION OF A CLOSET?
2. CAN I INSTALL A NEW LIGHT FIXTURE TO AN EXISTING UN GROUNDED CIRCUIT?
3. I HAVE A TWO WIRE UNGROUNDED PLUG. CAN I MAKE THIS A GROUNDED CIRCUIT BY INSTALLING A #12 GREEN WIRE TO AN EXISTING GROUNDED SWITCH?
 - a. WHAT IF THE ABOVE WAS A LIGHT FIXTURE?
4. THE BUILDING OFFICAL INSPECTED THE REBAR FOR GROUNDING WHEN HE INSPECTED THE FOOTINGS ON A NEW HOUSE. I VIOLATED THE REROD GROUND BECAUSE I DID NOT SEE IT. IS THERE A VIOLATION?
5. IF THE ABOVE IS A VIOLATION CAN I ALLOW THE CONTRACTOR TO DIG A 3' TRENCH NEXT TO AN EXISTING FOOTING AND CONNECT 2 10' PIECES OF REROD TOGETHER IN THE TRENCH, INSTALL #4 COPPER THHN TO THE REROD AND CONNECT THE #4 TO AN EXISTING GROUND ROD. THEN FILL THE TRENCH WITH CONCRETE.
6. TO CORRECT THE ABOVE REROD VIOLATION I ALLOWED THE CONTRACTOR TO CONNECT A PIECE OF 4 COPPER TO THE REROD THAT IS PART OF THE GARAGE POUR AND RUN THE #4 TO THE MAIN SERVICE DISCONNECT. THE REROD IS INSTALLED ON TOP OF A PLASTIC VAPOR BARRIER. ANY VIOLATION?
7. COULD I INSTALL THE ABOVE G.E.C. TO A C.T. CABINET AND CONNECT IT TO THE NEUTRAL BAR IN THE CT
8. FOR A RESIDENTIAL SOLAR SYSTEM I CAME OFF THE UTILITY METER AND INSTALLED A DISCONNECT FOR THE SOLAR SYSTEM. THE MAIN FOR THE HOUSE IS IN THE BASEMENT. THE INSPECTOR SAID THE MAINS MUST BE GROUPED AS REQUIRED IN ARTICLE 230.72. WAS HE RIGHT?
9. IN A DWELLING A 240 VOLT RESISTIVE TYPE CEILING MOUNTED UNIT HEATER WAS INSTALLED. A WALL MOUNTED SWITCH THAT WAS INSIGHT OF THE HEATER OPENED 1 LEG OF THE HEATER CIRCUIT. THIS SWITCH WAS USED AS A CONTROLLER AND DISCONNECT. ANY VIOLATION?
10. AN AIR CONDITIONER WAS INSTALLED 30" IN FRONT OF A D.T.E. METER. THE CONTRACTOR SAID THERE WAS NO VIOLATION BECAUSE OF ARTICLE 90.2 (B)5. WAS TE CORRECT?
11. AN A.C. DISCONNECT WAS INSTALLED BETWEEN THE HOUSE AND THE CONDENSOR. THE DISTANCE FROM THE HOUSE TO THE CONDENSOR WAS 24". ANY VIOLATION?

12. I DID A KITCHEN FINAL ON AN EXISTING DWELLING. THE NEW CIRCUITS WERE INSTALLED INTO AN EXISTING BASEMENT PANEL. THERE WAS NO G.E.C. INTO THIS PANEL. I WROTE A VIOLATION TO THE CONTRACTOR TO CORRECT THE GROUNDING VIOLATIONS. HE SAID THAT HE WAS NOT RESPONSIBLE. WAS HE?