



**ICC Los Angeles Basin Chapter and Ventura Region Chapter
Joint Inspection Committee
“Small Solar System One-Inspection Process Bulletin Program”**



Bulletin 1 – Intent of requirement for work to be installed in a workman like manner.

“Good or poor workmanship should set the tone of the inspection.”

“Good workmanship should result in an inspection that is shorter in time than that of an inspection with poor workmanship.”

Good workmanship, good access, and good photographs, should result in an inspection with a very short duration of time.” (See Bulletin 2 regarding the effective use of photographs.)

Building inspectors are not agents for quality control, nor do they enforce requirements of the California State Constructors License Board. However, a project with an obvious lack of workmanship will frequently lead to close scrutiny/attention to detail of the project from the building inspector. A building inspector should avoid citing California Electrical Code Article 110.12 and the lack of workmanship or Article 690-3 (E)¹ as a “code violation.” The specific sub article of the code pertaining to the specific non-compliant part of the proposed installation should be cited. In example, should a contractor utilize a length of Electrical Metallic Tubing that has not been bent with approved bending equipment, the inspector should cite Article 358.24 which states:

“Bends – how made. Bends shall be made so that the tubing is not damaged and the internal diameter of the tubing is not effectively reduced. The radius of the curve of any field bend to the centerline of the tubing shall not be less than shown in Table 2, Chapter 9 for oneshot and full shoe benders.”

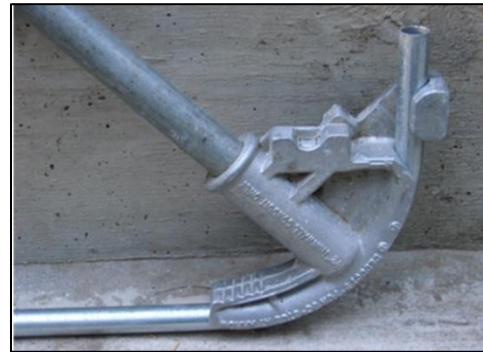
Poor workmanship



Poor workmanship



Workmanlike manner



¹ Article 1100 and the definition of qualified person also has a Informational Note that references NFPA 70E-2009. The reference document is an OSHA recognized electrical worker safety document that general involves higher voltage/high ampacity 3 phase systems. It would not be appropriate to apply the training to small PV systems.