

Memorandum

December 9, 2011

To: File**From:** Nancy Grossman **Subject: FESHM Chapter 5040 – Fermilab Electrical Safety Program
FESHM Chapter 5042 – AC Electrical Power Distribution Safety
FESHM Chapter 5120 – Fermilab Energy Control Program
(Lockout/Tagout)**

All electrical chapters were scanned for references to NFPA 70E, in particular, the PPE tables in order to clarify, where necessary, that we are using NFPA 70E-2004 except for NFPA 70E-2009 Tables 130.7(C)(9), (10), and (11). As a result, these three chapters contain the following revisions:

Chapter 5040:

Clarified references to NFPA 70E.

Chapter 5042:

1. Added “skilled” to the definition of competent person.
2. Changed personnel protective equipment to personal protective equipment.
3. Changed Division/Section to Division/Section/Center
4. Changed “on or near exposed energized conductors” to “within the limited approach boundary of energized conductors” in the text defining Energized Work.
5. Two grammatical corrections.
6. Deleted: “The Permit preparer and approver are generally not the same individual. For situations where the approver is not fully knowledgeable in the particular System and/or associated hazards, the preparer may approve the Permit if so knowledgeable and authorized.”

Chapter 5120:

1. Changed “could reasonably be expected” to “could be expected”
 2. Changed Division/Section to Division/Section/Center
 3. Changed LSC to FESHCom
 4. Changed “for service” to “to be returned for service”
 5. Deleted: “LOTO is not at all concerned with the protection of property or equipment.”
- 70E

This was not a complete review of the chapters thus the dates were not changed and the FESHM clock was not reset. These changes were editorial in nature and do not change the content of the chapters, nor do they require Directorate approval.