

Part XXX Shafts, Hoists and Conveyances and Safety Standard for Shafts, Hoists and Conveyances

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Explanations

Section E5 (Safety Standard) Duties of hoist operator

Record in hoist operator's log book reports of the working condition of the mine hoist and all devices relating to safe operation of the mine hoist, the working condition of the signaling apparatus and any questionable signal received, special instruction about safety of people, any tests or trial trips performed, and any abnormal circumstances. These record entries notify the next hoist operator of these issues. Before beginning a shift, the operator is to countersign

notifications from the previous hoist operator, and examine the log book for entries concerning daily tests of overwind and underwind devices.

Section E22-28 (Safety Standard) Log book entries by hoist operator

Make and sign entries for each mine hoist; note time of day and duration of each period of duty in the log book; supervisors must read and initial all entries.

Before beginning non-routine operations discuss with hoist operator and enter operations in the log book. Entries must be signed by the person notifying the hoist operator and countersigned by the hoist operator. Develop and implement safe work procedures for instructing hoist operators on non-routine operations.

Section E606 (Regulations) Record Books

Manufacturers often provide samples of record books and there are publications available from various sources including:

- Electrical Hoisting Equipment Record Book
- Hoist Operator Log Book
- Hoisting Machinery Record and Friction Hoist Log
- Rope Record Book

Section E626 (Regulations) Examination of mechanical parts

Document in writing and implement a procedure for systematic examination, testing and maintenance of a mine hoisting plant; outlining (a) frequency of examination and tests, (b) methods used, and (c) criteria used to assess results; provide a copy of procedure to a mine inspector. Further requirements for weekly inspections where a mine hoisting plant is in use.

Section E627 (Regulations) Report defects immediately

To supervisors and hoist operators; operation of the hoist or conveyance is prohibited until a defect or weakness is remedied.

Section E42 (Safety Standard) Adjust, repair or modification of mine hoists

Must be authorized by the manufacturer or a PEng; and completed by a competent, authorized person.

Section E628 (Regulations) Machinery record book

To be kept for each mine hoist; record (a) each required examination and test, (b) failures or incidents, (c) corrections or repairs. The worker making an entry and their supervisor must sign the entry. Supervisors must (a) review entries at least weekly, (b) determine if required examinations and all necessary work have been carried out, and certify compliance.