

ANNEXURE-II

SYLLABUS FOR EXAMINATION FOR WINDING ENGINEMAN'S SECOND CLASS CERTIFICATE OF COMPETENCY (UNDER METALLIFEROUS MINES REGULATIONS, 1961)

1. General knowledge about apparatus under pressure; Knowledge of testing, Precautions and indicators for pressure.
2. General knowledge about Working and examination of machinery (Reg.176)
3. General knowledge about Signalling.
4. General ideas of Hoist (Function and Operation).
5. General Ideas of Various Indicators and Recorders.
6. General knowledge about Slow Banking.
7. General knowledge about Brakes.
8. General knowledge about Emergency Safety Devices.
9. General knowledge about Safety Contrivances.
10. General Idea of Clutch.
11. General Idea of Electrical Circuits Breakers, Transformers, Controllers, Resistance and electric bells.
12. General Idea of Winding Ropes.
13. General knowledge about Working Hoist.
14. Engineman's Duties laid down in Regulation 54; General alertness and reaction to emergency.

MINING GYAN

