(2) PLANS, DRAWINGS AND MAPS

1956 No. 1782

The Coal and Other Mines (Working Plans) Rules, 1956

Made - - - -	*7th November,* 1956
Laid before Parliament	*26th November,* 1956
Coming into Operation	*1st January,* 1957

The Minister of Fuel and Power, in pursuance of the powers conferred upon him by subsection (2) of section seventeen of the Mines and Quarries Act, 1954(**a**) (hereinafter referred to as "the Act"), hereby makes the following rules:—

Application

1. The provisions of these rules shall apply to plans of workings in mines kept in pursuance of Part III of the Coal and Other Mines (Surveyors and Plans) Regulations, 1956(**b**). In these rules such a plan kept in pursuance of regulation six is referred to as "a new plan" and such a plan kept in pursuance of regulation seven is referred to as "an old plan".

Scale of plans

2. Every plan to which these rules apply shall be on a scale of not less than 1/2500.

Correlation with Grid

3. Every new plan shall be orientated to and correlated with the Ordnance Survey National Grid and marked with squares corresponding to the kilometre squares shown on Ordnance Survey sheets on the scale 1/2500.

Variations in level

4.—(1) Every new plan shall indicate variations in level from an assumed datum ten thousand feet below Ordnance Datum—

(*a*) on every length of road which is a main intake airway or a main return airway for the purposes of the Coal and Other Mines (Ventilation) Regulations, 1956(**c**); and

(*b*) so far as they can be ascertained, on the outline of any disused or abandoned workings shown on the plan;

at horizontal intervals not exceeding three hundred feet and at any such intermediate points as are necessary to indicate any substantial change in gradient within such an interval.

(2) Every old plan shall indicate variations from Ordnance Datum or from a datum below Ordnance Datum specified on the plan on such appropriate roads in the mine and at such places thereon as to indicate the gradients and any substantial change of gradient, being variations of ten feet or multiples of ten feet.

Gradient of seam

5.—(1) Every new plan shall, so far as their position can be ascertained, be marked with contour lines indicating the level of the floor of the workings in every part of the seam which is being worked, being the level relative to

(**a**) 2 & 3 Eliz. 2. c. 70. (**b**) S.I. 1956/1760 (p. 1231 above).
(**c**) S.I. 1956/1764 (p. 1295 below).

the assumed datum ten thousand feet below Ordnance Datum as follows, that is to say—

(*a*) if the gradient of the seam at no place exceeds 1 : 3, such lines shall show vertical variations at intervals not exceeding fifty feet; or

(*b*) if the gradient of the seam exceeds 1 : 3 at any place, such lines shall show the vertical variations of multiples of ten feet being not less than fifty feet nor more than one hundred and fifty feet.

In every case the vertical variation represented by any consecutive contour lines shall be the same throughout the plan and the lines shall be marked with the level relative to the assumed datum.

(2) In the case of any new plan where the level of the floor of the workings in a seam shown thereon does not change by more than fifty feet, the plan shall show the direction and rate of dip of the seam.

(3) Every old plan shall show the general direction and rate of dip of the strata.

Faults

6. Every plan to which these rules apply shall show the position, direction, extent and vertical throw, so far as they can be ascertained, of any known fault or other displacement of the seam (in the case of a new plan) or each seam (in the case of an old plan) and any known washout, roll, igneous intrusion or mineral vein affecting such seam.

Manner of showing other workings

7. On every plan to which these rules apply workings shown in pursuance of regulation eight of the Coal and Other Mines (Surveyors and Plans) Regulations, 1956, shall be shown in outline.

External dangers to workings

8. If there is any evidence that within one hundred and fifty feet of any working in a mine there may be—

(*a*) any rock or stratum containing or likely to contain water (whether dispersed or in natural cavities) which might constitute a danger to persons in the mine;

(*b*) any peat, moss, sand, gravel, silt or other material that is likely to flow when wet;

the plan of that working shall record the nature, position, thickness and extent thereof as accurately as possible and shall also record such particulars, so far as they are available, of any such rock, stratum or material within the boundaries of the mine or within three hundred and seventy-five feet outside any such boundary.

Water dams

9. Every new plan shall show, so far as they can be ascertained, the position and the dimensions of any water dam which may affect workings in the seam.

Position and level of shafts etc.

10.—(1) Every plan to which these rules apply shall show, so far as they can be ascertained, the position of and the level at the top and bottom of every shaft, outlet, drift or staple-pit giving access to the workings to which the plan relates and the level of every entrance giving access thereto from those workings.

(2) Every new plan shall show, so far as they can be ascertained, the position and the level at the top and bottom of every borehole sunk from or driven to the surface or from one seam to another which may provide evidence relevant to the workings to which the plan relates.

Boundaries

11. Every plan to which these rules apply shall show the boundaries to which it is intended that the workings shown thereon should extend.

Correlation

12. Every new plan shall indicate—

(*a*) the direction of the National Grid North ;

(*b*) the assumed datum level ; and

(*c*) the date on which it was commenced.

General

13. The Interpretation Act, 1889(**a**), shall apply to the interpretation of these rules as it applies to the interpretation of an Act of Parliament.

14. These rules shall come into operation at the commencement of the Act and may be cited as the Coal and Other Mines (Working Plans) Rules, 1956.

Dated this seventh day of November, nineteen hundred and fifty-six.

Aubrey Jones,
Minister of Fuel and Power.

EXPLANATORY NOTE

(*This note is not part of the rules, but is intended to indicate their general purport.*)

These rules, made under the Mines and Quarries Act, 1954, s. 17 (2), apply to plans of workings in mines of coal, stratified ironstone, shale and fireclay, kept in pursuance of Part III of the Coal and Other Mines (Surveyors and Plans) Regulations, 1956.

Rule 2 provides that all such plans must be on a scale of not less than 1/2500. New plans (that is, those kept in pursuance of reg. 6 of the Regulations) must be orientated to and correlated with the Ordnance Survey National Grid (rule 3), must show, so far as can be ascertained, the position and the dimensions of any water dam which may affect workings in the seam (rule 9), and must indicate the direction of the National Grid North, the assumed datum level, and the date on which it was commenced (rule 12). Every plan must indicate certain variations in level (rule 4) ; gradients of the seam (rule 5) and faults and other displacements of the seam (rule 6). Workings shown in pursuance of reg. 8 of the regulations (that is, certain disused or abandoned workings of the mine, and certain workings of neighbouring mines) must be shown in outline (rule 7), and external dangers (such as material that is likely to flow when wet, or rock or stratum containing water) must be recorded in the circumstances and in the manner specified in rule 8. Rule 10 provides for the recording of the position and level at the top and bottom of shafts, outlets, drifts, staple-pits, and the level of entrances giving access thereto from the workings, and of certain boreholes. Every plan must show the boundaries to which it is intended that the workings should extend (rule 11).

(a) 52 & 53 Vict. c. 63.