***344 Other things for which ventilation system must provide***

***(1) The ventilation officer for an underground mine must ensure the mine’s ventilation system provides for the following—***

***(a) minimising, within acceptable limits, the layering and accumulation of noxious and flammable gas in each place where controlled ventilation is required under paragraph (b);***

***(b) controlled ventilation—***

***(i) in each place used by a person for normal work or travel, other than a place where an inspection mentioned in section 307 is being carried out and no-one else is working; and***

***(ii) in each standing working place that is on the intake side of a working place; and***

***(iii) in each working place in an ERZ1;(c) at least—***

***(i) 1 entry to each working part of the mine to conduct intake air to the part; and***

***(ii) 1 entry to each working part of the mine to conduct return air from the part;***

***(d) monitoring and recording the concentration of atmospheric contaminants in each place mentioned in paragraph (b).***

***(2) Subsection (1)(a) does not apply when there is a sudden, temporary increase in the general body concentration of methane to more than 2.5% and the ventilation system is capable of quickly reducing the methane concentration to not more than 2.5%.***

***Example for subsection (2)— a roof fall in a goaf causes an inrush creating a high and temporary concentration of methane***

***(3) The controlled ventilation for a working place mentioned in subsection (1)(b)(ii) or (iii) must provide for a ventilation current of an average velocity of at least 0.3m/s, measured across the cross-sectional area of the roadway in the working place.***

***(4) Subsection (1)(c)(ii) does not apply to—***

***(a) a shaft being sunk; or***

***(b) a drift or individual roadway being driven and for which it would be impracticable to provide a separate return roadway.***

***Example for paragraph (b)— a single entry drive or longwall face heading***

***(5) This section does not apply to a part of the mine exempted under section 345.***