

# WORK HEALTH AND SAFETY (MINES AND PETROLEUM SITES) REGULATION 2022

## Registration of Booster Fans Design Order 2022

I, **Garvin Burns**, Chief Inspector, with the delegated authority of the Secretary, Regional NSW, pursuant to section 187(5) of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2022, make the following Order.

Dated this 29th day of August 2022

Garvin Burns  
Chief Inspector  
Regional NSW

### 1. Name of Order

This Order is the *Registration of Booster Fans Design Order 2022*.

### 2. Commencement

This Order commences six months from the day it is published in the NSW Government Gazette.

### 3. Interpretation

In this Order:

**TRG** is a reference to Technical Reference Guide produced by the NSW Government and published on the Department of Regional NSW's Resources Regulator website.

**booster fan** is a fan installed in such a way that the total ventilation flow in the place where the fan is installed passes through it.

**Note:** for the purposes of design registration of a booster fan, ventilation control devices including doors are not considered to be part of the booster fan design registration.

### 4. Revocation

The *Registration of Booster Fans Design Order 2018* published in the NSW Government Gazette No 130 of 30 November 2018 at page 9147 is revoked.

## 5. Design requirements

- 5.1. Except as provided in paragraphs 5.2 and 5.3, all booster fans used in underground coal mines must be designed in accordance with relevant parts of Sections 3 and 4.2 of *TRG: Main fans, booster fans and auxiliary fans in underground coal mines*, as amended from time to time.
- 5.2. Where a design does not fully comply with the requirements in paragraph 5.1, the designer must specify the published technical standards or the engineering principles used to identify controls, in accordance with the hierarchy of risk control measures in Part 3.1 of the Work Health and Safety Regulation 2017, that have been incorporated in the design to achieve at least an equivalent level of safety as the requirements of paragraph 5.1.
- 5.3. If the design of a booster fan that is registered under Part 5.3 of the Work Health and Safety Regulation 2017 is altered and the alteration may affect health or safety:
- (a) the altered parts of the booster fan must be designed to comply with the design requirements in paragraphs 5.1 – 5.2 of this Order.
  - (b) an assessment must be undertaken, and documented, by the designer to assess the impact that the design alteration has on unaltered parts of the booster fan.
  - (c) where the assessment undertaken in paragraph 5.3(b) shows there has been a reduction in the effectiveness of existing control measures of any other parts of the booster fans, that is, there has been a detrimental effect on health and safety caused by the alteration, these parts must also be altered to comply with the design requirements in paragraphs 5.1 – 5.2 of this Order.
  - (d) any parts of the booster fan which are not affected by the alteration must continue to comply with the design requirements of the design order that was in effect on the date that the registration for the design of the booster fan was granted.

## 6. Determination of applications for registration of design made before commencement of this Order

If an application for the registration of design of the booster fan made in accordance with clause 250 of the Work Health and Safety Regulation 2017 to which the standards specified in the *Registration of Booster Fans Design Order 2018* applies is made before the commencement of this Order, and the application has not been finally determined before that commencement, the application is to be determined as if this Order had not commenced.