Appendix I: Abrasive Blasting Rules that apply to Electricity Transmission Activities regulated by the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009
Appendix I: Abrasive Blasting Rules that apply to Electricity Transmission Activities regulated by the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009

Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009

Transmission line support structures: Discharges from blasting and applying protective coatings

Regulation 25 Permitted activities

1. Blasting a transmission line support structure of an existing transmission line, or preparing the structure to receive protective coatings, is a permitted activity if all of the applicable conditions in subclauses (3) to (9) are complied with.

2. Applying protective coatings to a transmission line support structure of an existing transmission line is a permitted activity if the condition in subclause (10) is complied with.

Conditions

3. Blasting must not be done within 50 metres of a water body or the coastal marine area.

4. Blasting must not be done—
   (a) within 50 metres of a public road; or
   (b) within 100 metres of an occupied building.

5. Abrasive material used in abrasive blasting must contain no more than 5% free silica by dry weight.

6. Waste and debris resulting from abrasive blasting must be removed from the site of the blasting to the extent practicable.

7. Dry abrasive blasting—
   (a) must be done no more than 1 metre above ground level; and
   (b) may be done only if covers or screens are used to mitigate the effects of any contaminants discharged by the blasting.

8. If abrasive blasting is done on a tower coated with lead-based paint, the waste and debris (including abrasive material) resulting from the blasting must be captured and removed by using geotextile material of a filter quality or by any equivalent method.

9. The following substances must not be used for surface preparation:
   - paint strippers (unless used on a solvent rag to degrease a surface), fungicides, acids, alkalis, sodium hypochlorite, or any other oxidising agent.
   - Protective coatings must be applied—
     (a) by hand; or
     (b) by pressurised spray used no more than 1 metre above ground level.

Regulation 26 Controlled activities

1. Blasting a transmission line support structure of an existing transmission line, or preparing the structure to receive protective coatings, is a controlled activity if—
   (a) it is not done over a water body or the coastal marine area; and
   (b) the applicable conditions in regulation 25(4) and (7) and complied with; and
   (c) 1 or both of the following apply:
     (i) it is done within 50 metres of a water body or the coastal marine area:
     (ii) 1 or more of the conditions in regulation 25(5), (6), (8), and (9) are breached.

2. Applying protective coatings to a transmission line support structure of an existing transmission line is a controlled activity if the condition in regulation 25(10) is breached.

Matters over which control reserved

3. Control is reserved over the following matters in relation to a controlled activity under this regulation:
   (a) the effects on water quality and ecologically-sensitive receiving environments; and
   (b) the effects on occupied buildings; and
   (c) the risk of contamination of soil; and
   (d) the effects on health.

Regulation 27 Restricted discretionary activities

1. Blasting a transmission line support structure of an existing transmission line, or preparing the structure to receive protective coatings, is a restricted discretionary activity if—
   (a) it is done over a water body or the coastal marine area; or
   (b) 1 or both of the conditions in regulations 25(4) and (7) are breached.

Matters to which discretion restricted

111 Regional Air Quality Plan for Taranaki
Discretion is restricted to the following matters in relation to a restricted discretionary activity under this regulation:

(a) the effects on water quality and ecologically-sensitive receiving environments; and
(b) the effects on occupied buildings and use of public roads; and
(c) the risk of contamination of soil; and
(d) the effects on health.