

Appendix - Environmentally Relevant Activities

Environmentally Relevant Activity	Trigger (scale and intensity)	Details and Duration
ERA 8 Chemical Storage	3 Storing the following total quantity of chemicals of class C1 or C2 combustible liquids under AS1940 or dangerous goods class 3: a) 10m ³ to 500m ³	Fuel storage for plant and equipment, and generators. Both on mining lease and potentially rail work camps. Duration for the life of the mine and the life of the rail construction camps
ERA 14 Electricity generation	2. Generating electricity by using a fuel, other than gas, at a rated capacity of: (a) 10MW electrical to 150MW electrical	Generators on-site at mine. During construction phase, initial operation of mine, then maintained as emergency backup power supply.
ERA 17 Abrasive blasting	Cleaning equipment or structures on a commercial basis using a stream of abrasives in either a wet or dry pressure stream.	Itinerant activity on the mine site
ERA18 Boilermaking or engineering	Boilermaking, assembling, building or manufacturing a total of 200t or more of metal product in a year.	Mine site only. As required during construction and operation of the mine.
21 Motor vehicle workshop operation	Operating a workshop on a commercial basis or in the course of carrying on a commercial enterprise involving any of the following relating to motor vehicles: (a) maintaining mechanical components, engine cooling radiators or body panels;	Required on the mine site for ongoing maintenance. Duration – life of mine
ERA 31 Mineral Processing	2(b) Mineral processing; >100,000t/yr	On the mine site for the life of the mine
ERA 60 Waste Disposal	1 Operating a facility for disposing of, in a year, the following quantity of waste (any combination of regulated waste, general waste and limited regulated waste — and <5t untreated clinical wastes if in a scheduled area): (a) less than 50000t	On the mine site. Duration – life of mine
ERA 63 Sewerage Treatment	2 Operating sewerage treatment works, other than non-release works, if treated effluent is discharged from the works to an infiltration trench or through an irrigation	Mine lease - ERA 63.2(c) - Sewerage Treatment more than 1500 to 4000EP. Duration – life of mine

	<p>scheme, with a total daily peak design capacity of:</p> <ul style="list-style-type: none"> b) more than 100 to 1500EP; c) more than 1500 to 4000EP; 	<p>Rail camps – ERA 63.2(b) – 100 to 1500 EP Duration – construction phase - life of construction camps -</p> <p>This is based on:</p> <ul style="list-style-type: none"> - mine lease = 2,000 person camp = 2000 EP; - 275 person rail construction camps = approximately 300 EP
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