

Kings Park Expansion (SSD – 10396) - Key Non-Combustible Metal Products List

As requested by DPE in the meeting held on 12 May 2022 a list of non-combustible metal products is provided below.

This list identifies the types of non-combustible metal products which might be stored within the 'storage non-combustible materials' as identified on the Stockpile Plan (Final Stockpile Plan Approved by LEC Proceeding 2020/00365487 – submitted as Appendix E of the RtS – Additional RFI).

This list is comprehensive, however not exhaustive. The separating procedures may change subject to the quality of the materials received and end buyer requirements.

Not all metal products below are necessarily received or stored on-site at the same time.

Non-combustible metal products include:

- Steel
- Cast iron
- Alloy steels (such as chrome white iron & manganese steel)
- Copper (separate piles for bare, No 1, No 2 & No 3)
- Copper alloys; (separate piles for 60/40, 70/30, gunmetal bronze, aluminium bronze, manganese bronze, turnings & chips)
- Insulated cables¹ (see attached); Separate piles may be required depending on recovery and metal, generally graded as either 20%, 30%, 42%, 55%, 65% and 75%)
- Radiators; separate piles for copper/brass and copper/aluminium and auto straight aluminium
- Aluminium; separate piles for Litho, and pure wire and cuttings & mill finish
- Aluminium alloys; separate piles for 6063 extrusion, 6061 extrusion, aluminium auto wheel rims, cast aluminium, UBC, irony aluminium, and aluminium swarf
- Die cast zinc
- Stainless and nickel alloys; separate piles for 301, 304, 316, Monel, Inconel, 2205 & 254, Cupral nickel
- Titanium; separate piles for grade (i.e. grade 17 separated from grade 19)
- Lead
- Tin; separated by alloy such as pewter and wine bottle labels
- Electric motors, starter motors and alternators separated by type and size
- Condensers containing copper tubes or copper/nickel tubes
- Precious metals – silver, platinum etc.

¹ These insulated cables are identified as having no known general fire hazards.