



3. Non-Technical Summary

3.1. This Environmental Permit variation application seeks to vary the existing Permit Ref. EPR/XP3495CT to:

- Extend the Permit boundary,
- Add waste codes, see Table 4.1 Proposed List of Waste Codes,
- Increase the amount of waste stored on Site at any one time,
- Add the treatment operations below;
 - shaving,
 - baling,
 - sidewall cutting,
 - shearing,
 - rim-removal and
 - pressure testing.

Proposed Operations

- 3.2. Waste will be brought onto the Site in HGV vehicles.
- 3.3. End-of-life tyres are unloaded into the Reception Area. The end-of-life tyres are then taken to be treated and then taken to their designated storage area.
- 3.4. If a load arrives onto Site that contains only one type of waste, this is put straight into a bay for storage.
- 3.5. If a load contains end-of-life-tyres, mixed with other waste, then this will be put into the Reception Area, then sorted, and put into designated bays.
- 3.6. The following treatment activities are carried out on Site currently:
- Sorting/ separation- Grading of tyres based on quality to identify the best processing method.
 - Shredding.
 - Chipping.
 - Granulating.
- 3.7. The following treatment activities will be carried out on Site:
- Shaving,
 - Baling,
 - Sidewall cutting,
 - Shearing,
 - Rim-removal and
 - Pressure testing.
- 3.8. There will be a three-sided building on Site, see Drawing No. 19/013m 001 V4 Fire Prevention Layout Plan.
- 3.9. It is proposed that the following treatment activities will be carried out within the building:
- Shredding,
 - Chipping,
 - Granulating and
 - Shaving.
- 3.10. It is proposed that the following treatment activities will not be carried out within the building:
- Sorting/ separation- Grading of tyres based on quality to identify the best processing method,
 - Sidewall cutting,
 - Pressure testing,



- Baling,
- Shearing and
- Rim-removal.

- 3.11. End-of-life waste tyres are treated and recovered on Site. Tyre shred products are produced in accordance with the Quality Protocol: Tyre derived rubber materials and PAS 107 Specification. Baled tyre products are produced in accordance with PAS 108 Specification.
- 3.12. Contravening waste types that are identified within incoming waste will be removed and stored within the Quarantine Area.
- 3.13. The Environmental Management System (EMS), which includes a Waste Acceptance Procedure, ensures that suitable waste types are accepted on to the Site. The Waste Acceptance Procedure includes strict waste acceptance criteria which ensure that only permitted waste types are accepted.
- 3.14. The total storage capacity on Site will be 5,500m³ for tyre shred, whole tyres, and rubber.