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| **Habitats and receptors** |
| Identify all relevant nature and heritage sites, habitats and species.  See ERA Plumley 2017 and 200911 Technical Note to 2017 Plumley ERA Addendum.  Where there is potential for an affect to result, provide an impact assessment (see below). |
| **Risk Assessments & Management Plans &– Link to guidance -** [**https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit**](https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit) |
| Provide environmental risk assessment – this should identify relevant risk assessments (odour management plans, noise and vibration, Volatile Organic Compounds, fire prevention, dust management, pest management). Ensure appropriate fees are paid with any relevant plans.  See SR2015-No2-GRA Plumley. |
| Flood Risk – if site is in a flood risk zone, assessment of risk of pollution in the event of a flooding event should be provided.  See ERA Plumley 2017. |
| **Energy Efficiency**  Energy use in this sector is significant. Applicants will often participate in a Climate Change Agreement or a Direct Participant Agreement (both are considered BAT). An assessment of energy usage/efficiency techniques and measures must be included in the application.  See OPA Env Aspects Register – Plumley & CoGH |
| **Waste recovery, recycling and disposal techniques**  The nature of waste, high oil content, means recovery and pre-treatment techniques should be considered. Applicants must justify how the chosen techniques represent BAT (as per TGN), and where appropriate carry out an options appraisal.  If appropriate, EWC/Hazard codes for wastes [justification for the use of 99 codes must be provided where appropriate].  Waste handling description (including storage and segregation)  See OPA Env Aspects Register – Plumley & CoGH |
| **Accident prevention and control**  Storage, transfer and transport of high volumes of hydrocarbons pose a significant risk, therefore assessment of containment and emergency procedures is required. Applicants must justify how the chosen techniques represent BAT (as per TGN), and where appropriate carry out an options appraisal.  Infrastructure detail provided (E.g. secondary containment, tank specification, surfacing)?  Storage arrangement details.  See Management System Plumley Section 6. |
| **Climate Change Screening – New Bespoke Only**  Complete the climate change screening questions in Part B2, section 6b of the application form [Part B2 Guidance](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/783778/Form_guidance_EPB_Application_for_an_environmental_permit_Part_B2_general_New_bespoke_permit.pdf)  Complete. |
| **Climate Change Risk Assessment – New Bespoke Only**  Where the score is 5 or more (climate change screening) – requirement to submit a climate change risk assessment? If planning to operate for 5 years or less - do not need to submit a risk assessment regardless of the screening score. N/A – score is 3. |

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| **Operator competence** Link to guidance: <https://www.gov.uk/guidance/legal-operator-and-competence-requirements-environmental-permits> |
| Include a summary of Management System  See Management System Plumley |
| **Process flow diagrams** |
| Process flow diagrams – provide where appropriate (maps / diagrams)  N/A (storage only) |
| **Site plans** |
| Site plan - showing the extent of the Installation boundary (marked as boundary for operational area)  See Management System Plumley |
| **Technical Assessment – [refer to application form guidance notes]** |
| Abatement techniques described N/A |
| Where monitoring has been proposed – monitoring standards should be specified. N/A  Where applicable - commitment to MCERTS requirements. |
| Monitoring frequencies N/A |
| Raw materials inventory/water usage See OPA Env Aspects Register – Plumley & CoGH |
| Raw material usage efficiency techniques See OPA Env Aspects Register – Plumley & CoGH |

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| **Refineries -** link to sector guidance  <https://www.gov.uk/government/publications/gasification-liquefaction-and-refining-installations-additional-guidance> |