|  |  |
| --- | --- |
| Sample name: |  |
| Physical State: | [ ]  Dust [ ]  Solid [ ]  Low MP Solid [ ]  Liquid |

|  |  |
| --- | --- |
| Requester(s): |  |
| Site: |  |

|  |  |
| --- | --- |
| Time Line requested: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Sample from: | [ ]  Lab trials | Sample is: | [ ]  Light sensitive |
|  | [ ]  Pilot Plant |  | [ ]  Air sensitive |
|  | [ ]  Initial Manufacture |  | [ ]  Moisture sensitive |
|  | [ ]  Routine Manufacture |  | [ ]  Requires refrigeration |
|  | [ ]  Other |  | [ ]  Other |
| Disposal information (R/H phrases & UN number) |  |
| Sample Source:(manufacture) |  |
| Plant Operations: |  |
| Background/Purpose/Context:(will be copied into report or summarized and copied) |  |
| Special Instructions to the Lab |  |

**This section for PHS Laboratory Use Only** Sample Receipt/Assessment

|  |  |  |  |
| --- | --- | --- | --- |
| HT Reference Assigned |  | COSHH Rating |  |
| Sample Reference Numbers |  |
| Sample Description |  |
| Handling Precautions | [ ]  Goggles [ ]  Dust Mask [ ]  Males only [ ]  Armlets [ ]  Apron [ ]  Tornado |
| Detonation/Deflagration Potential | Yes/ No/ Maybe | Oxidising Potential | Yes/ No/ Maybe |
| Additional Comments |  |

|  |  |  |
| --- | --- | --- |
| Test Category | Test Name | Approx. Sample Quantity |
| Powder | Liquid |
| Assessments | [ ]  PRA Base Dataset | 1 kg | 1 L |
| [ ]  Drying Assessment | 600 g | N/A |
| Dust Flammability & Explosibility | [ ]  Particle Size Analysis by Laser Diffraction | 40 g | N/A |
| [ ]  Minimum Ignition Temperature | 50 g | N/A |
| [ ]  Vertical Tube | 100 g | N/A |
| [ ]  Minimum Ignition Energy (Capacitive) | 300 g | N/A |
| [ ]  20L Sphere (Kst/Pmax [ ] , LEL [ ] , LOC[ ] ) | 500 g | N/A |
| Thermal Stability | [ ]  Ignition Tube | 1 g | 5 ml |
| [ ]  DSC | 1 g | 1 ml |
| [ ]  Diffusion Cell / Glass Bottom Cell | 100 / 100 g | N/A / 200 ml |
| [ ]  Aerated Cell | 100 g | N/A |
| [ ]  Carius Tube | 20 g | 100 ml |
| [ ]  UN Basket Tests | 500 g | N/A |
| [ ]  Full Basket Line | 5 - 15 kg | N/A |
| [ ]  Hot Spot Ignition Test | 500 g | N/A |
| Combustibility | [ ]  T5mm Layer Test | 300 g | N/A |
| [ ]  Train Firing | 50 g | N/A |
| Explosibility | [ ]  Koenen Tube | 300 g | 200 ml |
| [ ]  Time/Pressure Test | 20 g | 200 ml |
| [ ]  Lead Block | 50 g | 100 ml |
| Liquid Flammability | [ ]  Flashpoint (Pensky-Marten, Small Scale ) | N/A / 50g | 500 / 50 ml |
| [ ]  Auto Ignition Temperature | 1 g | 10 ml |
| Electrostatics | [ ]  Electrical Resistivity | 50 g | 300 ml |
| Other(contact PHS for estimate of sample quantities needed) | [ ]   |  |  |
| [ ]   |  |  |
|  | Total Sample Required |  |  |

**This section for PHS Laboratory Use Only**

|  |  |
| --- | --- |
| Generic Risk Assessment Applies | [ ]  |
| Specific Risk Assessment Required | [ ]  |

|  |  |  |  |
| --- | --- | --- | --- |
| Approved By: |  | Date: |  |