

EPP-1.7 Waste Acceptance – Identification of Explosive Materials

1. PURPOSE:

The purpose of this procedure is to document how to reduce the potential for explosions in the yard and ensure the rejection of potentially explosive items/materials.

2. SCOPE:

Potentially explosive materials or items should not be accepted into or processed on the site due to the potential for fire events and noise/vibration to cause harm to human health, nuisance and damage to infrastructure.

Potentially explosive material is likely to be in the form of pressurised containers/tanks, polluted fuel tanks in ELVs or ignition sources. It may also comprise of oxidising chemicals (e.g. chlorite bleaches, weed killer) which can form an explosive mixture with fuel / oils on site or occasionally munitions/ordnance may be found in scrap.

3. PROCEDURE:

3.1 To minimise potential explosions the following procedure should be followed

- Follow environmental procedures EPP-1.1 *Waste Acceptance – The Duty of Care* and EPP-1.2 *Waste Acceptance – Inspection of Incoming Material* (acceptance and rejection procedures) upon delivery of material;
- Previously pressurised canisters should be accompanied by evidence of depressurising;
- Any evidence provided must be kept on record with the associated ticket inwards in order to ensure traceability.
- Any potentially explosive material identified after acceptance should be moved to the appropriate quarantine area (if it is safe to do so);
- Rogue gas cylinders must be transferred to a lockable, gas cylinder cage for quarantine;
- De-polluted ELVs must have had their fuel tanks fully depolluted (fuel removed from tank – it is recognised that there may be some residual contamination with fuel, de-tanking of the ELV will decrease the potential for any explosions/fire).

3.2 If munitions or ordnance (e.g. Mortar bombs) are found in scrap then the Emergency Response Plan/Procedure must be implemented immediately (see relevant document).

3.3 Explosive materials must be rejected prior to acceptance wherever possible; otherwise they must be quarantined in a safe area (e.g. cage for cylinders) – except for munitions/ordnance where emergency procedures apply (which includes evacuation of site and applying exclusion zone).

4. RESPONSIBILITY:

It is the responsibility of the Site Manager to ensure all material in their yards are consigned in with any relevant paperwork to evidence de-pressuring and it is the responsibility of any personnel who are involved in the acceptance and classification of material coming onto the premises to make appropriate checks for explosive items.

5. ASSOCIATED GUIDANCE & INFORMATION:

- Emergency Response Plan
- Environmental Management System
- EPP-1.1 *Waste Acceptance – The Duty of Care Acceptance of Incoming Material*
- EPP-1.2 *Waste Acceptance – Inspection of Incoming Material*
- EPP-1.3 *Waste Acceptance – Identifying Hazardous Waste*
- EPP-1.5 *Waste Acceptance – ELV Acceptance*
- EPP-1.6 *Waste Acceptance – Identification of Radioactive Items*
- EPP-1.8 *Waste Acceptance – Rejection of Waste Material*
- EPP-1.9 *Waste Acceptance – WEEE and Refrigerator Acceptance*

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Competency Test			
Assessor Name:		Date of Assessment:	
Assessor Signature:		Assessment Score: (marks / total)	/ 5
Employee Name:			<input type="checkbox"/> Pass (100%)
Employee Signature:			<input type="checkbox"/> Fail (below 100%)

Please tick correct answer(s)

Q1	To minimise explosions on site which of the following is NOT correct?		
A:	Follow acceptance & rejection procedures EPP-1.1 <i>Waste Acceptance – The Duty of Care</i> and EPP-1.2 <i>Waste Acceptance – Inspection of Incoming Material</i> .		<input type="checkbox"/>
B:	Rogue gas cylinders must be quarantined in lockable cage.		<input type="checkbox"/>
C:	Send all explosive items/materials directly for shredding.		<input type="checkbox"/>
Q2	Which one is correct?		
A:	Wherever possible explosive materials must be rejected where identified in incoming loads.		<input type="checkbox"/>
B:	Explosive materials must be all stacked in the same heap.		<input type="checkbox"/>
C:	Explosive items must be stored under water.		<input type="checkbox"/>
Q3	If munitions (e.g. suspected bomb) is found in scrap then:		
A:	Then it must be thrown over the fence immediately.		<input type="checkbox"/>
B:	The Emergency Response plan/procedures must be implemented immediately.		<input type="checkbox"/>
C:	They must be sent to Oldbury for processing.		<input type="checkbox"/>
Q4	Which item is not a potential explosive item?		
A:	Asbestos.		<input type="checkbox"/>
B:	Petrol tank (un-depolluted).		<input type="checkbox"/>
C:	Gas cylinder.		<input type="checkbox"/>
Q5	When can previously pressurised canisters be accepted?		
A:	When they are accompanied with evidence of depressurising.		<input type="checkbox"/>
B:	If they don't have any warning labels attached.		<input type="checkbox"/>
C:	Never.		<input type="checkbox"/>

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