

This expanded polystyrene (EPS) checklist has been prepared to assist management with conducting regular inspections of areas containing EPS panel systems. The checklist is intended to assist with ensuring that panels are maintained and exposure to fire ignition sources and risks are addressed. The checklist should be completed every three (3) months as a minimum.

### INSPECTION DETAILS:

Date:	
Location and area:	
Responsible person:	

### PANEL CEILING INSPECTION:

Inspect the ceiling area and joints to ensure that the vapour seals are maintained.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect the general condition of the ceiling for any damage, corrosion, sagging or buckling.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect the wall intersections and penetrations for any damage, structural stress and penetrations are sealed.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect the ceiling panels for water ponding and rust.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>

### PANEL WALL AND DOOR INSPECTION:

Inspect the walls and joints to ensure that the vapour seals are maintained.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect the general condition of the walls, joints and floors for any damage and corrosion.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect the wall intersections and penetrations for any damage, structural stress and penetrations are sealed.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect pressure relief ports for damage, corrosion and ports open and close freely.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect door frames for damage, corrosion and seals are maintained.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Inspect general components including hinges, chains, tracks, wheels and safety bells for damage, corrosion and wear.	Pass <input type="checkbox"/> Fail <input type="checkbox"/> Not Applicable <input type="checkbox"/>

### RISK CONTROL PLAN:

Storage and housekeeping:	
Is internal storage of combustibles such as pallets or packaging materials greater than 5 meters from EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Is external storage of combustibles such as pallets, packaging materials and waste bins greater than 10 meters from EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Is general housekeeping maintained to prevent congestion near EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are hazardous substances stored appropriately and away from EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are EPS panels free from damage or penetrations that expose the panel core material.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>

<b>Potential sources of ignition:</b>	
Are forklift battery charging areas greater than 5 metres from EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Is cooking equipment including canopy hoods, exhaust, grease filters and ducting regularly inspected and maintained.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are flammable liquids and gasses stored safely and away from EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are refrigeration and defrost systems regularly inspected and maintained.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are any other heat producing equipment located greater than 5 metres from EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
<b>Permit to work:</b>	
Are permit to work systems in place for working on or in proximity to EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Has a hot work permit been established and implemented.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Has a cold work permit been established and implemented.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
<b>Penetrations:</b>	
Has careful consideration been given to avoiding EPS panel penetrations.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are processes in place to ensure penetrations are conducted safely, capped and sealed.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are electrical switches at least IP54 rated.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are penetrations free from damage or unprotected areas that expose the panel core material.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
<b>Work environment:</b>	
Are workers and contractors informed of permit requirements when inducted to the workplace.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are workers and contractors appropriately supervised when working around EPS panels.	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Are work areas and works checked upon completion to ensure EPS panels are in a safe condition	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
<b>Fire protection:</b>	
Fire hose in place and accessible:	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Fire extinguishers in place and accessible:	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
Fire suppression systems and alarms installed:	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
<b>Other (insert any additional inspection activities):</b>	
	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/>

**CORRECTIVE ACTIONS:**

Actions:	Responsibility:	Timeline:	Completion:

**INSPECTION COMPLETION:**

Inspection closed:	All corrective actions complete: Yes <input type="checkbox"/> No <input type="checkbox"/>
Responsible person name:	
Responsible person signature:	
Date:	