

PLASTIC PROTECTION FAILURE

Purpose: To prevent recurrence, not place blame.

Report Date: 12-06-2015

Start Date: 08-06-2015

Report Number: 123

I. Problem Definition

What: Plastic Protective Material Failure

When: Current

Where: Portable Buildings in Transit

Significance: High

Safety: Potential Fatality

Environment: Pollution - Plastic Litter

Revenue: Not Apparent

Cost: Damage to Buildings; Reputation Damage; Litter Fines

Frequency: Regular

II. Report Summary

The plastic protective material failure occurs when the plastic sheet material which protects the portable building interior whilst in transit is regularly torn. The plastic material of 125 um thickness is subjected to substantial force from wind buffeting over long distances at highway speeds.

This force is applied on sharp edges on the building and the plastic also suffers punctures from tree branches on the road sides. The sharp edges are both the rough cut timber frame building material and the exposed metal edges of transit braces used on the building (half) being transported.

Another cause is the fact that the fitting of plastic varies according to the location and personnel employed and is not consistent because there is no documented fitting procedure for them to follow. There is also no prescribed bill of materials for this task. There is no standard fitting procedure established because no business owner of the fitting task has been identified

III. Solutions

Causes	Solutions	Solution Owner	Due Date
Material has 125 um thickness	Increase plastic to 150 um thickness	Lyn drummond	30-06-2015
Fitting procedure not documented	Establish sop for fitting	Andrew bishop	16-06-2015
No owner identified	Assign owner to create a standard detail for design and fitting of plastic	Andrew bishop	17-06-2015
Different fitters employed for task	Train all fitters in standard detail and fitting sop when determined	Ron sexton	30-06-2015

IV. Team Members

Name	Email	Member Info
Andrew Bishop	abishop@built.com	Operations manager
Leon David	ldavid@built.com	HSE Manager
Len Jett	ljett@truckers.com	Freight Coordinator
Oswald Reed	oreed@truckers.com	Dispatch Superintendent
Ron Sexton	rsexton@fixitnow.com	Construction Foreman
Lyn Drummond	ldrummond@fixitnow.com	Business Administrator

V. Notes

1. Realitychart Status: The Realitychart is in final form and the Incident Report has been finalised.
2. Some proposed causes have been purposefully left off the chart because there is no evidence to justify them or evidence to the contrary.
3. Rules Check Status: Conjunctions Resolved.

VI. References

1. Photo series # 1 -7
2. Interview notes – drivers and fitters

