

CUTTING CHAMBER DOOR FAILURE

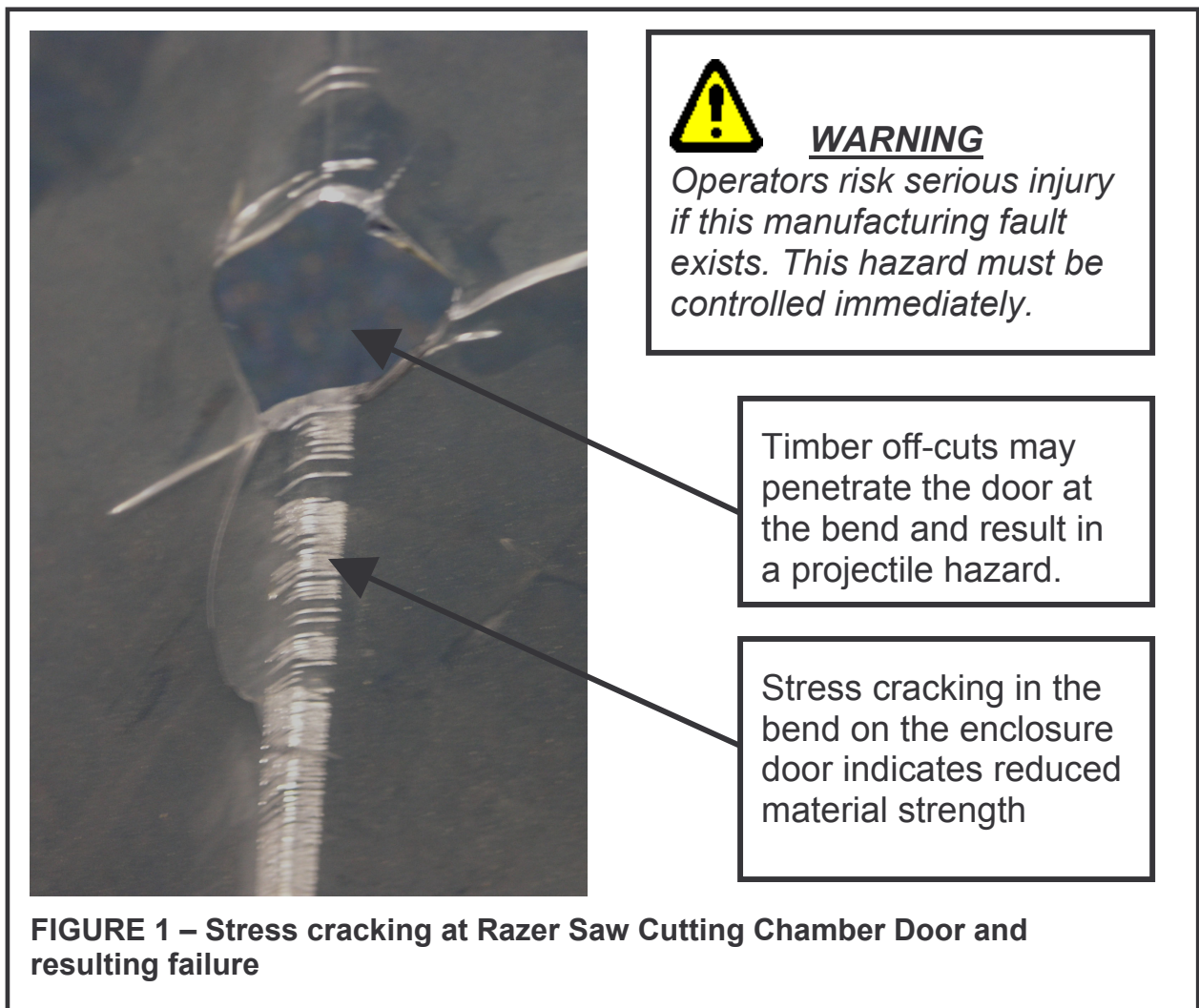
Truss plant owners operating a Razer Saw manufactured by PFP Technologies P/L and supplied by Mitek Australia Ltd are advised to read this document carefully. It contains important information concerning the control of a potential hazard associated with the Razer Saw

HAZARD DESCRIPTION

A manufacturing fault may exist in the polycarbonate ('lexan') door to the cutting chamber on the Razer Saw. Stress cracking may appear at the vertical bend in the door, indicating increased brittleness of the material at the bend and reduced capacity to absorb the impact of timber off-cuts.

In some cutting scenarios a timber off-cut has the potential to hit the brittle area at high speed, penetrate the door, and become a dangerous projectile in the factory.

Figure 1 below shows an example of the stress cracking and the resulting material fracture due to the impact of a timber off-cut.





HAZARD CONTROL MEASURES

The polycarbonate door panel is an integral part of the guarding for the Razer Saw cutting chamber. This fault must be rectified immediately.

This hazard can be controlled in the following way:

- Immediately inspect the polycarbonate sheet on the door for evidence of stress cracking as pictured in Figure 1. If stress cracks exist, or there is other evidence of reduced material strength at the bend, contact your local Mitek office immediately. Mitek will advise the procedure for rectification of the manufacturing fault..

IMMEDIATE ACTION REQUIRED

Owners of truss plants operating a Razer Saw supplied by Mitek must implement the above-mentioned control procedure immediately.

END OF DOCUMENT

Queries regarding this Hazard Notice should be directed to the Machinery Support Engineer at MiTek Australia Ltd on Ph: 03 8795 8888. Written on 06-05-2005.
