



# Hazard Alert

## HAZARD SUMMARY

Recently, two Island workers were injured as a result of a roof truss collapse during construction of a new home. The truss system had been installed and braced, and ready for sheathing. Soon after several piles of sheathing had been loaded onto the truss system, it became clear that the weight was more than individual trusses were designed to support. The loaded trusses began to roll horizontally, collapsing the entire system, causing injuries to the workers.



## **Hazard Location:**

Residential construction site.

## **Cause:**

Manufacturer's recommendations were not followed when individual trusses were overloaded with construction material that weighed more than the trusses could support.



## **Legislated Requirements:**

Section 12(1)(c) of the Occupational Health & Safety Act requires that an employer shall ensure such information, instruction, training, supervision, and facilities are provided as are necessary to ensure the occupational health and safety of the workers.

## **Recommended Precautions:**

- 1). Employers must ensure that workers understand and follow procedures supplied by the truss manufacturer on handling, erecting, positioning, and bracing trusses.
- 2). Employers must ensure that truss erection is directed by a "competent" person under the Regulations, who is appropriately qualified based on training, experience, and knowledge of the Act and Regulations.
- 3). Employers must ensure that trusses are properly braced to maintain structural capacity and stability.