



Explosives Safety Alert 84

Detonator box crushed by pallet while handling

What happened?

A box on a pallet of detonators being moved by forklift from the magazine fell from the top of the pallet and was crushed under the pallet when placed on the ground. The pallet was plastic wrapped except for the top layer of boxes. On this occasion, one of the detonator leads was damaged.

Recommendations

1. Secure the contents of pallets to prevent the movement and loss of packages when handling. Suitable methods of securing to withstand the shocks and loadings normally encountered during handling and transport.
2. Securing to account for the removal or addition of packages on pallets during storage for subsequent manual and mechanical handling.
3. Conduct a risk assessment, for example a JSA, before handling.
4. Review safety management systems and security plans to ensure suitable controls and procedures are in place to address the recommendations.
5. Ensure everyone involved in these activities comply with the safety management system, security plan, controls and standard operating procedures.



Image 1: Damage sustained to detonator box



Image 2: Damage to detonator lead on the right

Great state. Great opportunity.



Authorised by **Chief Inspector of Explosives** | Geoff Downs

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