



TECHNICAL ADVISORY SECTION (ROYAL ENGINEERS) (TAS(RE))

Headquarters Defence Training Estate
Blenheim Hall
Land Warfare Centre, Warminster, Wiltshire
BA12 0DJ

Tel: 01985 222434

FAX : 2259

Email: DE Ops DTE-HQEstDel8a

frank.compton251@mod.uk



RANGE ADVICE NOTE 7/10

See Distribution

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**TIMBER BOARDING IN THROWING BAYS
ON GRENADE RANGES.**

1. An incident that caused a ricochet into the throwing bay of a standard grenade range has prompted a change to the way throwing bays are lined with timber in future. Where throwing bays are lined with timber boards it is important to ensure the boards do not present leading edges sufficient to deflect grenade fragments or stone down into the throwing bay.
2. Where boards are laid horizontally without joints there should be no leading edges. Where boards are fixed vertically it is possible for the timber to warp exposing leading edges. Reference A will in future call for boards to be laid horizontally and any joints fixed to ensure the timber lays flat on the wall.
3. Where existing ranges have vertical timbers on the flanks of the throwing bays the monthly inspection MOD Form 907 should be amended to include the inspection of this timber to ensure there are no leading edges sufficient to create ricochet. Such timber should also be inspected during the annual inspection. At the next maintenance period when timbers are renewed they should be fixed horizontally.
4. On grenade ranges with timbers that present leading edges due to failed fixings or warped timber, the RAU should either replace the timber and fix horizontally or cover with sheet timber to eliminate ricochet potential.

Original Signed

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