

# OVERHEAD LINE FITTINGS (U.K.) LIMITED



EDITION A08



WOOD LANE WORKS, NORTON-JUXTA-TWYCROSS, ATHERSTONE,  
WARWICKSHIRE. CV9 3QB





# SAFETY AND MAINTENANCE

Section D



WOOD POLE ANTI-CLIMBING DEVICES



132kV TOWER ANTI-CLIMBING DEVICES



275kV AND 400kV NGC TOWER  
ANTI-CLIMBING DEVICES



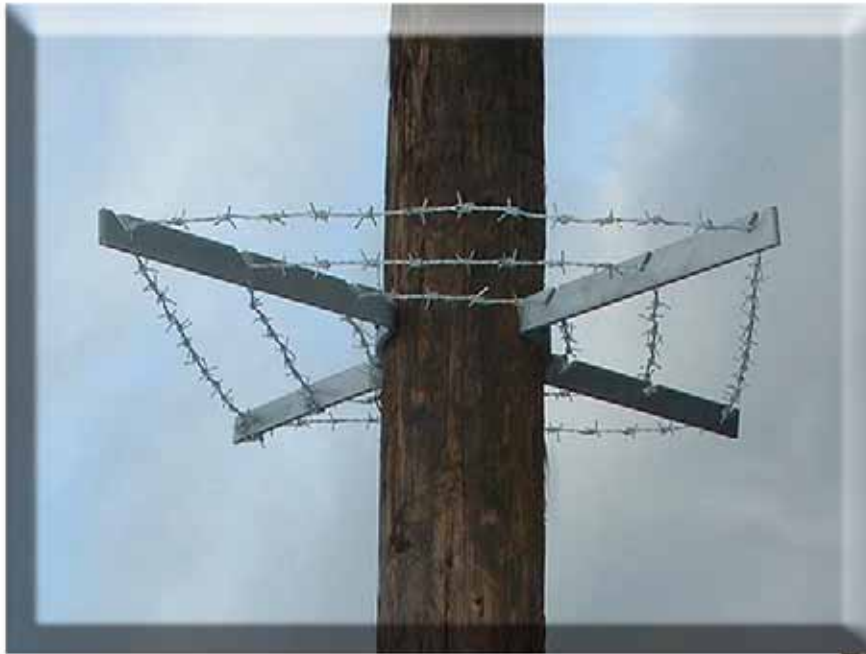
NOTIFICATION PLATES AND  
ACCESSORIES



BARBED WIRE AND ACCESSORIES



# ANTI-CLIMBING DEVICES



WOOD POLE ACD's



INFORMATION

*Anti-Climbing Devices (ACD's) for Wood Poles are supplied compliant with the latest EA Standards and to individual Authority or DNO Standards. These are typically applicable to 11kV, 33kV and 132kV Trident construction. They normally comprise the "W" type fitting attached diametrically opposed on single poles and at opposite ends on "H" pole arrangements. Similar equipment is supplied for use on concrete structures.*

*OLF also offer a unique opening wood pole ACD allowing climbing without the removal of the barbed wire and subsequent re-wiring. For barbed wire and accessories see page D54.*



*Opening Wood Pole ACD*



# ANTI-CLIMBING DEVICES



132kV TOWER ACD's



## INFORMATION

*Many different designs of tower exist for 132kV lines with standardisation becoming more focused in recent years. Notwithstanding this fact, Anti-Climbing Devices (ACD's) for replacement and new build now comply with EA Technical Specification 43/90.*

*Overhead Line Fittings (UK) Limited offer products fully compliant with this specification and designed to accommodate varying leg angle sizes. The corner gates are now normally supplied pre-wired. This ensures consistently neat wrapping and is the first step in accomplishing effective tower protection. The ACD's are normally supplied in tower sets of four corner gates with two opening and two non-opening with the Spacer Bars being ordered separately depending on numbers required per tower.*



# ANTI-CLIMBING DEVICES



275kV AND 400kV NGC TOWER ACD's



## INFORMATION

*For 275kV and 400kV towers the comprehensive NGC specification for Anti-Climbing Devices introduced in 2002 is now universal. Essentially there are two formats. The All-Round type and the Single-Leg design for wide based towers.*

*Overhead Line Fittings (UK) Limited are the approved manufacturer of this equipment which is of substantial build to ensure the highest level of security. Items are normally available ex-stock. The designs embrace every variation of tower found on 275kV and 400kV construction and are installed using high specification stainless steel barbed wire. The standard specification employs nine strands of wire, which changes to ten strands when dressing towers with particularly large leg angles.*

*Barbed wire spacer bars are supplied to suit both configurations. See pages D53 and D54 for Notification Plates, Stainless Steel Barbed Wire, Wire Ties, Hook Bolts and Step Bolts.*



# ANTI-CLIMBING DEVICES



## NOTIFICATION PLATES AND ACCESSORIES



## INFORMATION

*Overhead Line Fittings (UK) Limited offer the full range of notification plates for wood pole and tower lines compliant with the latest Health and Safety requirements. They are supplied in permanent hard colours, either hard plastic or vitreous enamel on steel and in English and other languages to order. The various plate types come complete with mounting straps or bracketry and fasteners as necessary.*

*Typical types include:*

- Tower and Pole Number Plates,
- Circuit I.D. Plates,
- Danger of Death Plates,
- Helicopter Plates,
- Phase Colour Plates,
- Safe Climbing Height Plates.





# ANTI-CLIMBING DEVICES



BARBED WIRE AND ACCESSORIES



INFORMATION

*Overhead Line Fittings (UK) Limited supply:*

*BARBED WIRE - all grades including standard galvanised, galfan quadruple life and stainless steel - all normally available ex-stock.*

*WIRE TIES - in stainless steel for fixing barbed wire in place.*

*FASTENERS - for securing ACD's to wood poles and towers.*

*HOOK BOLTS - for securing opening gates on ACD's .*

*STEP BOLTS - for climbing purposes on tower corner legs.*

