



Construction Plant-hire Association
 Shoring Technology Interest Group
Shoring Technical Information Note



TIN 206

Shoring Equipment and the Construction Products Regulations

STIG members are often asked whether temporary works equipment should be supplied to site CE marked as per the requirements of the Construction Products Regulations for structural steelwork.

Under the Construction Products Regulations (CPR) Steelwork and Aluminium products forming part of the permanent works require CE marking and this is done to BS EN1090:2009+A1:2011, *Execution of Steel and Aluminium Structures*. Therefore with permanent steel and aluminium sheet piles (not sacrificial) and structural steelwork providing both temporary and permanent support, CE marking is mandatory.

Temporary Works Equipment however does not require CE Marking, nor do elements produced on work sites. Therefore modular shoring products and site fabricated shoring do not require CE marking. Given the safety critical nature of shoring it is obviously essential that the quality of any steel or aluminium shoring products supplied, manufactured or fabricated on site in the UK match the requirements stipulated in BS EN 1090.

BS EN 13331:2002, *Trench Lining Systems* and BS EN 14653:2005, *Hydraulic Shoring Systems* are European Product Standards for temporary works systems and either require or imply BS EN1090 compliance. Therefore essentially the technical requirements of the standards and the CPR are identical, as any shoring systems should be fabricated to BS EN1090:2009+A1:2011 (normally Execution Class 2). This would in theory allow manufacturers at their discretion to CE mark in accordance with BS EN1090 and the product standards should their products be used as part of the permanent works.

Further guidance and references are contained within Temporary Works Forum paper - *Construction Products Regulations - CE Marking and Temporary Works TW15.051* (free download from <http://www.twforum.org.uk>).