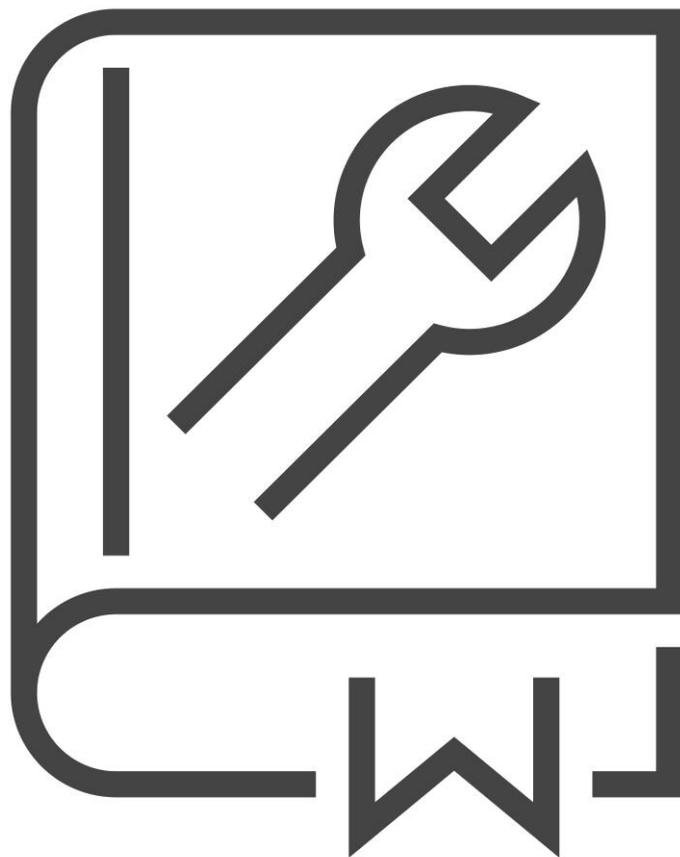




We are aluminium

Installation manual HE3 columns



Introduction

The purpose of this installation manual is to provide instructions so that installers and service operatives can competently install and maintain the HE3 columns from Hydro.

It is assumed that the installer / service technician has sufficient knowledge and experience to work on building construction and electrical installations. It is also assumed that the installer / service technician has the basic knowledge of safety and competence necessary to operate machines and tools required for installing the HE3 columns



ATTENTION:

- Read this manual carefully before mounting or installing Hydro products.
- Always wear personal protection equipment; helmet, boots, gloves and safety glasses.
- Treat the lighting column carefully. **DO NOT remove the bottom-plate and root section!**
- In practice, soil composition around the column, weight, speed and / or direction of the vehicle at the time of an accident shall deviate from what has been tested according to EN12767 standard. The material and the specification of the column ensure the collision-friendly character of the column, regardless of the quality / composition of the soil in which the column is installed.
- The columns must be inspected regularly for physical damage around ground level. Any damage must be repaired.
- Hydro advises to inspect the columns on life span after 25 years.

Disclaimer

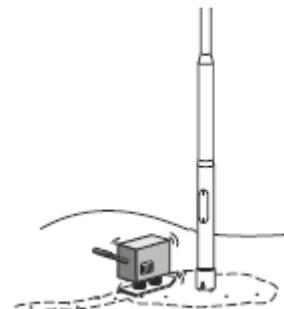
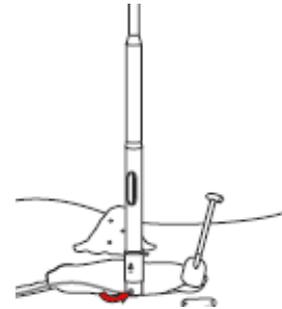
Despite the careful development and compilation of this installation manual, it is possible that incorrect or incomplete information is included. Hydro is not liable for any damage, directly or indirectly, related to the use of the information in this manual.

In the UK, Hydro HE3-columns can be installed in 3 different situations:

- SOIL
- SLEEVED
- SOCKET (For instructions see socket suppliers manual)

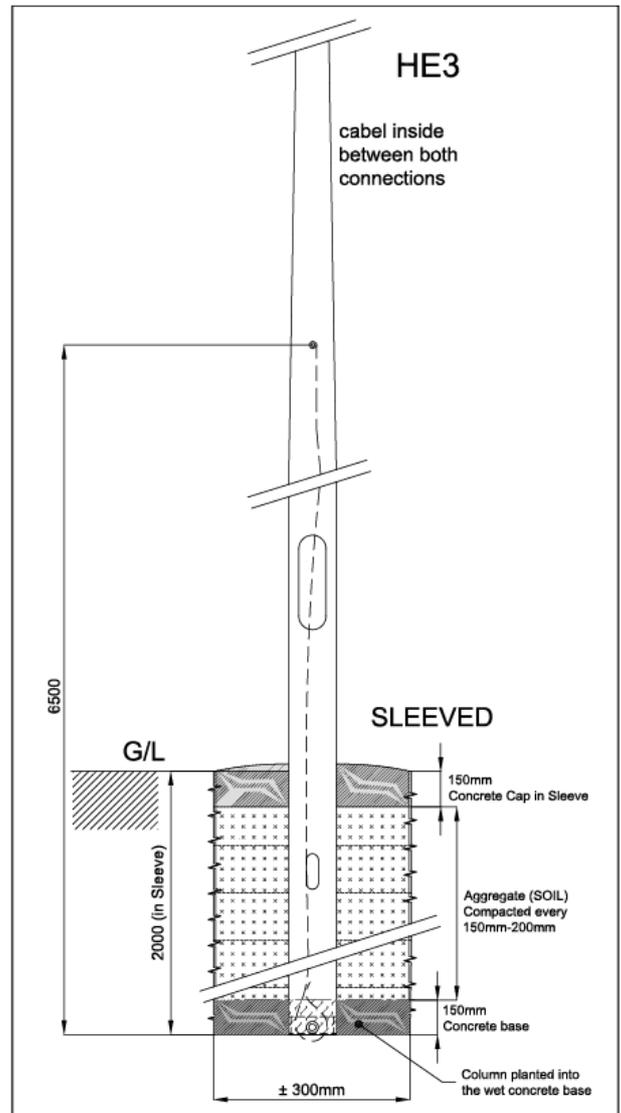
Installation instructions of Hydro HE3 columns in SOIL

1. Excavate a hole in the ground at the desired location. The planting depth of the column (2 meter), with bottom-plate and cable must be taken into account.
2. Lower the lighting column into the hole. The planting depth can be derived from the drawing. Make sure that the column is placed correct in the ground. Meaning that the column stands vertical with the correct planting depth. This can be checked with the identification on the column and the actual ground level.
3. Fill the hole with sand, up to the cable entry hole. Ensure ground is compacted to avoid subsidence in the long term.
4. Check if the column is correctly positioned. Finish filling the hole with sand up to ground level. Compact the ground around the lighting column for a firm placement.



Installation instructions of Hydro HE3 columns SLEEVED

1. Make sure that the sleeve construction is ready for the column to be installed.
2. Lower the lighting column into the sleeve. Planting depth can be identified from the drawing.
3. Fill the hole with sand, up to the cable entry hole. Ensure ground is compacted to avoid subsidence in the long term.
4. Check if the column is correctly positioned. Finish filling the hole with sand up to 150mm from ground level. Final 150mm to be capped off with concrete.



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