

Storage and handling

NST Electrodes.

Method of storage:

Coated electrodes should be stored in its original packaging/ container until use. The withdrawal of electrode packages from stock should be based on the "first-in / first-out" principle.

In order to prevent humidity-induced damage, the electrodes should be stored under climatically controlled conditions with ideal temperatures between 17 and 25°C and a maximum relative air humidity of 60%.

Recommended maximum storage time is 3 years.

Handling / Re-drying:

Electrodes needs re-drying before use. The recommended temperature and period of time are indicated on the electrode packaging labels and technical specification. Electrodes in vacuum-packed or sealed containers does not need re-drying provided the original packaging seal is unbroken. No special storage climate control is necessary for these electrodes.

Electrodes exhibiting poor arc-stability, heavy spatter or slag removal difficulties have probably been damaged by moisture pick-up. In these cases good welding properties can only be restored by re-drying.

It is recommended that the re-drying process takes place immediately prior to welding. For basic coated and high alloyed electrodes it is recommended using heated electrode quivers during welding.

Reference / date:

Storage and handling,
NST Electrodes.
English. 09.12.2019.