



Indian Standard IS 3626:2024 - Your Guide to Reliable Locked Coil Winding Ropes for Mining

IS 3626:2024 is the revised Indian Standard for IS 3626:2001 which give the technical specification for Locked Coil Winding Ropes. These locked coil Winding Ropes are primarily used in Mining Industry.

Given the **extensive use of locked coil winding ropes in mining industry, strength and torsion** apart from appropriate size and length **are one of the main parameters of significance** for the user group of this product. These ropes are meant **for load bearing applications** and hence the requirement of such properties.

This Indian Standard specifies the various requirements of this product – from **Raw material requirement (chemical properties) to dimensional aspects covering the various properties such as Tensile Strength, Breaking Force, Mass and Torsional Strength for Galvanized as well as Ungalvanized ropes.**

The Standard also covers the **constructional requirement and lubrication requirement of the ropes.** Three major tests specified in the Standard viz. **Tensile test, Torsion test and Reverse bend test** ensures the conformity of the ropes to the requirements of this Standard.

In Summary, IS 3626:2024 ensures that the Standard (ISI) marked Locked Coil Winding Ropes meets the **requisite dimension, tensile strength and is suitable for the purpose** it is manufactured for.