



innovative solutions

Cold Bend / Cold Impact As per IS: 10810 (Pt 20 & 21)



An ISO 9001:2008 Company
GMP compliant

Cold Bend Apparatus – IS: 10810 (Pt 20)

The test is applicable for specimen of diameter up to and including 12.5 mm, above which the test is considered impracticable.

- ✚ Metal Mandrel of various sizes (4 nos).

The sample is cooled in the cold chamber for specified time and then wound on the mandrel. The sample is then checked for any cracks or scales visible to the unaided eye.



Cold Impact Apparatus – IS: 10810 (Pt 21)

The test is an alternative to cold bend test and is applicable for specimen of diameter above 12.5 mm.

The instrument consists of the following

- ✚ Testing Anvil
- ✚ Cylindrical falling hammer.
- ✚ Cylindrical Pipe

The sample is cooled in the cold chamber for specified time and whilst still in refrigerator, at the same temperature, struck with the hammer dropped from a height. The sample is then checked for any cracks or scales visible to the unaided eye



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