

LEVELING RODS
Final as of March 19, 2006



RD 1, **New York Leveling Rod, unsigned, c. 1870.**

This two-piece jointed rod extends to 12 feet and has a 5" red-and-white round sliding target, lacking the clamp-screw from the target. The divisions on the face of the rod are cut into the dark wood with the numerals highlighted by silver paint. There is no white-painted background on the face as with the Philadelphia rod



RD 2, **New York Style Mining Leveling Rod, unsigned, c. 1875.**

This 4½' two-piece jointed rod extends to 8'. It has a round 5¼" red-and-white brass sliding target. The face of the rod has divisions cut into the dark wood but is unpainted.



RD 3, **Folding 10-foot Leveling Rod in Feet & Inches, unsigned, c. 1880.**

This rod is hinged in the middle.



RD 4, **Philadelphia Leveling Rod, J.C. Sala, San Francisco, c. 1900.**

This rod has a painted white face on wood with divisions in hundredths of a foot shown with fine black lines. It is 13 1/2 feet long extended and has a 6" diameter red and white sliding target.

RD 5, **Architects Leveling Rod, Keuffel & Esser Co., Catalog No. 6280, c. 1913.**

This rod is 5 1/2 feet long closed and 10 feet extended.



RD 6, **Boston Leveling Rod**, W.& L.E. Gurley Co., c. 1920.

This rod is 12 feet long and has a 4" diameter red & white target. There is a repaired split in the wood.



RD 7, **Philadelphia Leveling Rod**, E. Dietzgen Co., Catalog No. 6506, c. 1930.

This rod face and divisions are painted on wood. It is 5 feet long closed and 9 feet open. There is a 6" oval red & white sliding target.

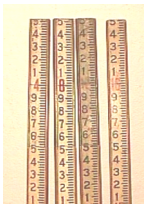


D 9, **New York Leveling Rod**, unsigned, c. 1900.

This rod is 6 1/2 feet long closed and about 13 feet open. The face has no white-painted background as does the Philadelphia rod. It has a 4" diameter red and white target. The graduations in hundredths are shown by fine black lines.

RD 10, **Three-target Rod for Distance Measure**, W. & L.E. Gurley Co., c. 1930.

This unusual rod is 2-meters long and has fixed black & white targets at the 0 and 2-Meter locations. There is also a sliding red and white target. The zero point of the scale does not correspond to the bottom of the rod. This is possibly a type of stadia rod used by the USC&GS. In a canvas case.



RD 11, **Four-Piece Leveling Rod**, unsigned?, c. 1930.

RD 12, **Philadelphia Leveling Rod**, unsigned, c. 1900.

This rod is 6.8 feet long closed and extends to about 12 feet. The hundredths are indicated by thin black lines similar to the Sala rod RD 4 although this has no sliding red & white target.

RD 13, **Stadia Rod**, A. Lietz Co., c. 1940.

This rod is 2 ³/₄" wide with the diamond design pattern, alternating. It is 12 feet long and has a 2 fold secured by thumb screws. It is catalog No. 450 in the 1938 catalog. A matching companion rod to this was identified with a Lietz maker's tag but this has none although there are markings in the wood where a metal tag was once attached.