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## Terminology For The Anatomy Of An Insulator

**Base.** The bottom of the insulator; generally what the insulator would rest on if placed on a flat surface. The base may have drip points on it.

**Crown.** The section of the insulator from the upper wire ridge to the dome.

**Dome.** The top part of the insulator. Also used as an embossing location designator when written as (Dome) and used to indicate the embossing that follows is on the dome.

**Inner Skirt.** A skirt inside the insulator, often called a petticoat.

**Line Wire.** The main wire that the insulator is designed to support. The line wire is attached to the insulator with a tie wire and generally rests in the saddle groove or wire groove of the insulator.

**Petticoat.** Used to describe all skirts of an insulator, as in double petticoat.

**CJOW** The Crow Jewels Of The Wire (CJOW) magazine is dedicated to the collectors of historic glass and porcelain insulators used by telegraph, telephone and electric power utilities. Its web site includes value finder and subscription information, including an extensive list of terms of insulators.

**CJOW Magazine**

<http://www.crownjewelsofthewire.com/>

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## What Is A Petticoat?

**Petticoat Rest.** Unglazed surface on the bottom of the extended petticoat used for a firing rest. If the rest was glazed it would be fused to the kiln tray.

**Pin.** A round piece of wood with one end that is designed to fit in the pinhole of an insulator and the other end designed to fit in a hole in a cross arm. Early wood pins were made out of oak or locust, and later pins were made of wood/metal or all metal components.



*Wooden Pins & AT & T Long Distance Telephone Line CD 154 Insulators From Rat Creek*

**Skirt.** The outer part of the insulator, from the wire ridge to the base. Also used to refer to all skirts, including the inner skirts.

**Wire Ridge.** A bead of glass around the insulator above and below the wire groove designed to help support the line wire and the tie wire.

**Wire Groove.** The square or concave section between the wire ridges on the side of the insulator that holds the line wire.

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## More Information



*AT & T Long Distance Telephone Line Parts: Cross Arm & Pole At Sexton Mt.*

**Insulator Brochure Series** This brochure is number three of several in the “insulator” series numbered 1 through 11. Most importantly, the insulator series is all about Josephine County, Oregon, insulators. The series will be continued with adventures in the field.

1. Insulators of Josephine County
2. Crown Jewels Of The Wire
3. *Anatomy Of An Insulator*
4. Insulator CD Numbers
5. Collins Line
6. Oregon & California Railroad
7. Postal Telegraph Company
8. AT&T Long Distance Telephone Lines
9. Local Phone Service Lines
10. Power Lines
11. First Insulators of Hugo Neighborhood

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## Hugo Neighborhood Association & Historical Society's Mission

This information brochure is one of a series of documents published by the Hugo Neighborhood Association & Historical Society (*Hugo Neighborhood*). It is designed to be shared with neighbors for the purpose of helping protect our rural quality of life by promoting an informed citizenry in decision-making. The *Hugo Neighborhood* is an informal nonprofit charitable and educational organization with a land use and history mission promoting the social welfare of its neighbors.

### Land Use & History

The *Hugo Neighborhood's* land use mission is to promote Oregon Statewide Goal 1 — Citizen Involvement, and by preserving, protecting, and enhancing the livability and economic viability of its farms, forests, and rural neighbors. It will act, as requested, as a technical resource assisting neighbors to represent themselves.

Its history mission is to collect, preserve, interpret, and research its local history and to encourage public interest in the history of the Hugo area.

Membership dues are \$10.00 annually and due in January. They are used for paper, ink, envelopes, publications, and mailings. Make checks to the *Hugo Neighborhood* and send them to our Treasurer.

*Hugo Neighborhood*

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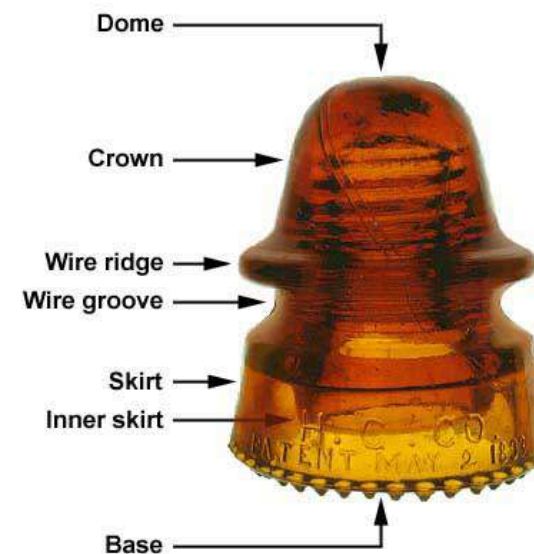
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## Anatomy Of An Insulator



Brochure 3 in Insulator Series



March 19, 2006

by

**Hugo Neighborhood Association &  
Historical Society**

&

**Crown Jewels Of The Wire**