



NESC-238
UNGROUND MAST ARMS

(assume all streetlights are ungrounded unless ground is visible)

PGE Inspection Criteria

NESC clearances shown under loaded conditions.

*Indicates railroad measurement may vary as determined by the permitting Railroad; clearance may be as high as 36 ft. Check with Railroad for clearance requirements.

CS-Climbing Space Impaired

Starting on the field side of the pole, a clear space (climbing space) is required that allows a 30"W x 30"D x 40"H object to be elevated up the pole. This space can rotate a maximum of 90 degrees every 6' of pole height. Prefer a single climbing space, without rotation, from the ground to top of the pole.

PC-Power Clearance

Impaired clearance between PGE neutral, TX, QX or secondary conductors and Communication conductors on the pole. A minimum of 40" of clearance is required.

SC-Span Clearance

Impaired clearance between PGE conductors and Communication conductors mid-span, pole-to-pole, and/or pole-to-service connection. PGE neutral or secondary wire of TX, QX or insulated open wire running above and parallel to Communications conductors from pole-to-pole require a minimum 30" of clearance. Service drops of TX, QX or insulated open wire running above and parallel to Communications drops require a minimum 12" of clearance.

VC-Vertical Clearance

Vertical conductors in Communications space. Minimum 40" of clearance required between the top of the conduit riser and Communications conductors. The street light attachment bracket, at the pole, requires 20" of clearance from Communications conductors. Street light drip loops require 12" of clearance from Communication conductors, but if in non-metallic conduit the required clearance (from street light drip loop) may be reduced to 3".

RC-Road Clearance

Impaired clearance over roads or areas subject to truck traffic. Height requirement shall be over any portion of the road.

**For clearances over state highways, refer to OAR 734-055-0090(4).

