

“Cathodic Protection Station Report” Instructions

RECORD

Transmission/Distribution/Both: Check the appropriate box for the type of gas facility that the rectifier is protecting.

Preventative Maintenance No.: Record the rectifier’s preventative maintenance number, FM or PLM.

CP System No.: Record the cathodic protection system number for the rectifier.

Area/Division/District/Local Office: Record the names of the area, division, district, and local office where the rectifier is located.

RECTIFIER

Location: Provide details of the rectifier’s location.

City: Record the name of the city.

Manufacturer/Type/Model/Serial No.: Complete the rectifier manufacturer’s information.

Primary Rating: Record the unit’s input voltage rating per manufacturer’s specifications.

Actual Primary Voltage: Complete the unit’s input actual primary voltage rating as measured in the field.

Secondary Rating: Record the unit’s maximum secondary amperage and voltage ratings per the manufacturer.

Initial Setting: Record the rectifier’s initial setting (amperage and voltage).

Date Placed in Operation: Record the month, day, and year when the rectifier was placed in operation.

ANODE

Number, Weight and/or Size: Record the number of anodes, weight (or size) in pounds, type (material), backfill used, and the amount of backfill used.

CIRCUIT RESISTANCE

Circuit Resistance: Rectifier Voltage divided by Rectifier Current ($R=E/I$) in OHMs.

SOIL RESISTIVITY

Soil Resistivity: Record soil resistivity readings based on ohm readings and pin spacing.

Location Sketch: Include a detailed sketch of the location of the rectifier and the anodes. Ensure the sketch is precise enough to enable a person to locate those structures in the field.