

PSC NO: 12 GAS LEAF: 427.68
 COMPANY: THE BROOKLYN UNION GAS COMPANY REVISION: 0
 INITIAL EFFECTIVE DATE: 11/03/06 SUPERSEDING REVISION:
 STAMPS:

Form of Facilities Construction and Reimbursement Agreement
 For Electric Generation
EXHIBIT B – Continued

- i. Prior to the hydro-test, a package containing the weld map; weld inspection reports; radiographic inspection reports; magnetic particle examination reports; welder qualification record; and weld procedure must be submitted.
- j. At KeySpan's discretion, the hydro-test of the meter header and downstream piping to the compressor may be done together.

III. Welding and radiography requirements

- a. A weld map identifying the pipe size, weld identification #, welder #, and date of weld must be prepared. Each weld on the piping system must be marked directly adjacent to the weld. These markings shall indicate the weld # and the welder ID#.
- b. Individual Welder certification records (indicating welder's qualified to weld procedure within last 6 months).
- c. Weld procedure(s) qualification record
- d. Arc strikes shall be avoided. If they occur, they must be removed per PSC 255.309f
- e. No weld attachments to pipe are permitted (no temporary attachments such as alignment straps, and no permanent attachments such as pipe supports are permitted).
- f. 100% Radiography will be performed to API 1104 acceptance criteria (for above ground piping). A visual weld inspection report is to be prepared for each weld. Radiographic reports and films are subject to review by KeySpan.
- g. All fillet welds require magnetic particle testing
- h. Only one(1) attempt at repairing a defect in a completed weld is allowed.

IV. Cathodic protection requirements

- a. Anodes must be Cadwelded to buried piping per KeySpan specifications
- b. All welded joints and bare fittings to be buried must be cathodically wrapped in accordance with KeySpan's specifications.
- c. All cathodic coatings must be checked for holidays prior to backfilling and, if necessary, repaired per KeySpan specifications.
- d. An insulating flange gasket must be provided between buried and above ground piping.

V. Buried piping requirements

- a. Suitable backfill material must be installed and compacted per KeySpan specs
- b. Adequate clearance (minimum 12") must be maintained between buried gas pipe and other underground facilities per KeySpan specs.
- c. Pipe materials shall be: for 6" and less API 5L Gr B PSL-1; for 8" & 10": API 5L Gr B PSL-2 and for pipe 12" and larger: API 5L X-42 PSL-2. Piping 8" and larger must meet Charpy V-notch values of 30 ft-lbs @ 32 F.

Issued by: John J. Bishar, Jr., Executive Vice President, General Counsel, and Secretary, Brooklyn, NY