



NOTE: SEE BACK OF SHEET FOR SPECIFICATIONS.

METER @ PROPERTY LINE

REVISIONS			PHAT NGUYEN	
NO.	DATE	BY	NAME	DATE
1	1/28/94	NG	NTS	6/1/88
2	3/8/95	NG	L. BELCHER	
3	6-24-09	WDM		
4	11-4-15	WDM		
5	3-1-17	WDM		
6				

ARKANSAS-OKLAHOMA GAS CORP.  
 FORT SMITH, ARKANSAS  
 ENGINEERING DEPARTMENT

**TYPICAL GAS SERVICE  
 PLASTIC PIPE  
 STATE OF OKLAHOMA**

EXHIBIT

## **AOG SPECIFICATIONS FOR INSTALLATION CUSTOMER'S SERVICE LINE – OKLAHOMA PLASTIC**

### **1. PLASTIC PIPE**

Plastic pipe must be manufactured in accordance with ASTM No. D-2517 or D-2513, and indicated on pipe.

### **2. TRACER WIRE**

An insulated cooper tracer wire (min. 16 gauge) must be installed in ditch with plastic pipe; but must not come in contact with pipe.

### **3. CONNECTIONS**

All plastic connections and transition fittings must be heat fusion, mechanical coupling or other approved devices. Internal stiffener is required if coupling is used.

### **4. STEEL PIPE**

- a. All underground steel pipe and fittings must be coated and wrapped, extending 6" above ground.
- b. Prefabricated risers may be used.
- c. All above ground piping must be rigid steel pipe designated for natural gas use.
- d. No piping shall be installed underground beneath a building or mobile home.

### **5. GROUNDING**

- a. All anodes must be connected with approved method.

### **6. SHUTOFF VALVE**

- a. An exterior shutoff valve shall be provided for each building.

### **AIR PRESSURE TEST**

1. All houelines' operating at 6 oz. must be tested at 25 psig for a minimum of 15 minutes and inspected prior to backfilling by plumbing inspector or AOG personnel if there is no qualified inspector.
2. All houelines' operating at more than 1 psig must be tested at 90 psig for a minimum of 15 minutes and inspected by plumbing inspector or AOG personnel prior to backfilling.

### **METER LOCATION**

AOG's meter and/or regulators and stopcocks will be placed 18" inside property line unless alternate location approved by AOG prior to service installation.

### **PIPE SIZING**

Customer houelines' in Oklahoma must be a minimum of 1 ¼" (¾" for mobile homes) unless pipeline has been sized by a qualified authority. Maximum footage for line size:

- 1 ¼" line is 500'
- 1" line is 100'

### **MOBILE HOMES**

All mobile homes must be supported by a firm foundation which will not permit the unit to rock or otherwise move.

### **PIPE BONDING**

Each above ground portion of a gas piping system that is likely to become energized shall be electrically continuous and bonded to an effective ground fault current path. Gas piping shall be considered to be bonded where it is connected to appliances that are connected to equipment grounding conductor of the circuit supplying that appliance.