

Cobb County Fire Marshal's Office
Aboveground Propane Tank—Plan Review Check Sheet
NFPA 58, 2008 edition and Chapter 120-3-16

Job Name _____ **Date** _____

Address _____
 (Street) (Suite #) (City) (Zip)

Reviewer _____ **Tank Size in Water Gallons** _____

ITEM	PASS	FAIL	N/A
Zoning —check zoning on Cobb GIS. No aboveground tanks to be installed in a residential area. 54-54.1(b)(2).			
Plans for tanks >2000 water gallons capacity shall have the seal and Georgia registration number of the drafting architect or engineer.			
>2,000 gals individual or 4,000 aggregate—State FMO must also approve plans 120-3-16-.05.			
Temporary tank-not > 12 months 58-6.6.5.1			
Vertical containers > 125 gal. 58-6.6.4			
Storage of portable containers 58, Chapter 8			
Installation			
Noncombustible supports on concrete or firm masonry foundation 58-6.6.3			
Vehicle Impact Protection, Section 312.2, 2006 IFC			
Supports—check section 58-6.6.3 and table 6.6.3.3 if not mounted on concrete at 12" or less above grade.			
Distances from Buildings, etc.			
<125 gal.-see note (d), 125-500 gal.-10', 501-2,000 gal.-25', 2,001-30,000 gal.-50', >30,000 gal. see table 6.3.1			
Separation from other containers see table 6.3.1 and 6.4.5.8			
Transfer operations-distance to exposures see table 6.5.3			
Piping, Tubing, Fittings and Valves			
Need a compliance letter stating that the tank, piping, tubing, fittings and valves have been installed in accordance with NFPA 58 and NFPA 54.			
Pressure Relief Valve/Gauges			
>125 gal. - vent up and away from tank, unobstructed 6.7.2.3			
>2,000 gal. - vent 7' above container 6.7.2.7			
P.R.V. - spring loaded or equivalent 5.7.2 and table 5.7.4.1			
P.R.V. permanently marked - 1. PSI set to start to leak. 2. Rated relieving capacity-cu ft/min. 3. Manufacturer's name and catalog number. 5.7.2.8			
Shut off valve - not between P.R. device and container 6.7.2.8			
> 2,000 gal. - provided with opening for pressure gauge 5.2.5.5			
Markings			
Common name of product or "PROPANE" - 2" high, ¼" stroke, red letters on a white background 5.2.8.1			
Stainless steel name plate 5.2.8.3 AND 11.3.4			
If product is not odorized - "NOT ODORIZED" - 4" letters 5.2.8.5			
Firm name and 24 hour emergency service number of LP-Gas supplier - min. ½" high letters 5.2.8.3. For Bulk Storage & Cylinder Filling - min. 2" high, ¼" stoke letters, for Cylinder Exchange Staging - ¾" high, 1/8" stoke letters. "NO SMOKING" SIGNS 6.1.4-MOD			