

NGV Refueling Station Planner

INFORMATION

Customer: _____ Attention: _____

Street: _____ City / State / Country: _____

Phone: _____ Mobile: _____

Fax: _____ E-mail: _____

Date Needed By: _____ Potential Order Date: _____

Application: _____

Site Location: _____

GAS QUALITY

1 What is the pipeline pressure of the gas at the site (psig)? _____**2** Is the gas pipeline quality and does it meet the requirements of NFPA 52? _____**3** What is the moisture content of the gas (lbs / MMscf)? _____

POWER

1 What is the preferred prime mover, electric motor or natural gas engine? _____**2** Specify the electrical classification for the site (e.g. Class 1, Group D, Division 1 or Division 2). _____**3** Specify the electrical service(s) available at the site (volts/phase/hertz). _____*NOTE: For natural gas engine drive 120/1/60 is required.*

FLEET INFORMATION

1 How many NGVs are to be refueled? _____ What is the fill pressure(s)(psig)? _____**2** How many are to be slow filled? _____ How many are to be fast filled? _____**3** What is the NGVs stored gas volume or water volume or GGE (scf or scf w.v. or GGE)? _____*NOTE: 125 scf is equivalent to one gallon of gasoline; 140 scf is equivalent to one gallon of diesel.***4** Describe the fleet, e.g. cars / pickups / vans / forklifts / buses, etc. _____**5** What is the average daily fuel usage for each NGV or the average daily mileage for each NGV or the average daily run time for each NGV(e.g. forklift)? _____**6** What is the typical fuel efficiency for the NGVs (mpg or gallons per hour for forklifts)? _____

FLEET INFORMATION (continued)

7 Will the station be for public or private access? _____

8 How many days per week is the fleet in service? _____ How many hours per day is the fleet in service?

9 Specify the peak demand period(s) and how many NGVs refuel during each peak demand period.

STATION REQUIREMENTS

1 Is there a requirement for a redundant compressor? Yes No

If Yes, is 50% or 100% redundancy preferred? _____

2 What is the ambient temperature range at the site (°F min - °F max)? _____

3 Is an enclosure required? Yes No Noise level requirement (dBA)

How many fast fill hose drops are required? _____

Is mass flow metering required for fast fill? _____

What type of dispenser(s) are required for fast fill, fill post, or electronic (metered) dispenser?

How many slow fill hose drops are required?

Is mass flow metering required for slow fill?

Is fuel management required? _____ Do you have an existing fuel management system? _____

Please provide any other information about the fleet or site that may assist us in our evaluation.

In addition to answering these questions, we urge the purchaser and/or user to become familiar with the latest addition of NFPA 52 and to contact the local gas utility and the local authority having jurisdiction (AHJ) before writing a specification or purchasing equipment. Contact BAUER for assistance.

FOR MORE INFORMATION PLEASE CONTACT:

PAULA HEBERT

Tel. +1 (972) 548-9221

JOHN MIRABELLI

Tel. +1 (757) 858-5139

CNGsales@BauerComp.com

www.BauerCNG.com

