CHECK LIST FOR STATIONARY LNG INSTALLATION PROPOSALS

Application received: Date ____________________ 14.2040(b)

Installation File Name ____________________________________________________________

Installer’s License No. __________ Category 30 or 35 (circle one) Expires __________

Filing Fee Rec’d ☐ $50 PCN ___________ Resub. Fee Rec’d ☐ $30 PCN ___________

Type of Installation: ________________________________________________________________

Aggregate WC of current storage ___________ Number of tank(s) to be installed ______

Size of tank(s) to be installed ___________ Total WC upon completion _______________

Description of existing LNG containers usage: _________________________________________

Container Information complete? YES ☐ NO ☐

Mfg’s Name: Tank 1 ________________, Tank 2 ________________, Tank 3 ________________

Serial No.: Tank 1 ________________, Tank 2 ________________, Tank 3 ________________

Water Capacity: Tank 1 ________________, Tank 2 ________________, Tank 3 ________________

Year Built: Tank 1 ________________, Tank 2 ________________, Tank 3 ________________

Working Press: Tank 1 ________________, Tank 2 ________________, Tank 3 ________________

Container(s) to be installed: NEW ☐ USED ☐ BOTH ☐

Information needed to verify container status: Mfg Data Rpt. ☐ Form 2008 ☐

Received: ☐ Date: ____________________ 14.2104(a – c)

Existing or proposed electric transmission lines within 150’ of proposed installation? YES ☐ NO ☐

If YES, container to Elec. Tran. Lines: Listed? ☐ Distance ________’ 14.2110(c) – 6’

Installation Site Plan

Site plan submitted? ☐

Plans and specifications sealed by a registered professional engineer? YES ☐ NO ☐

Uniform Protection Requirements 14.2101:

Do plans describe the facility’s property or a 250’ diameter from the proposed container’s location, whichever is smaller? YES ☐ NO ☐

Container location indicated? ☐

If individual distances are not listed then is a scale or legend included? YES ☐ NO ☐

Do plans show fencing and/or guardrail installation? YES ☐ NO ☐

If YES, is the proposed fencing/guardrail installation in compliance with 14.2101(a-f)? YES ☐ NO ☐

Do the plans indicate the proper signage required by 14.2101(g):

- NO SMOKING OR OPEN FLAMES – Red capital letters, 2”, white background: YES ☐ NO ☐
- FLAMMABLE GAS – Red capital letters, 4”, white background: YES ☐ NO ☐
- NO TRESPASSING AUTHORIZED PERSONNEL ONLY – Black capital letters, 4”, white background: YES ☐ NO ☐
- EMERGENCY SHUTDOWN – White capital letters, 2”, red background: YES ☐ NO ☐
- PRESSURE RELIEF DEVICE SET AT ______________ – letters 2”
- Name of Licensee – letters 4”

Do the plans indicate at least two monitoring sensors as required by 14.2101(h)? YES ☐ NO ☐
**Distance Requirements** per 14.2110(a): ≤15,540 = 25', 15,541 – 93,240 =50', ≥93,241=100' :

- Container to bldg’s & structures: Listed? □ Distance _______ ’ □
- Container to property lines: Listed? □ N ______’ □ S ______’ □ E ______’ □ W ______’ □
- Container to any stationary source of ignition: Listed? □ Distance _______’ □

  Location & distances of any electrically operated material handling equipment (pumps, compressors, etc.): Listed? □ Distance _______’ □

- Container to other type fuel containers: Listed? □ Distance _______’ □

Adjacent **Underground** Container’s in Multi-container installation: Listed? □ Distance _____’ □ 15’

Does the installation include LNG dispensers or points of transfer? YES □ NO □

**Point of transfer is defined as:** The point at which a connection is made to transfer LNG from one container to another. (14.2007 (53))

If Yes, then the following distances apply to each dispenser or point of transfer:

  - Buildings not associated with the LNG facility: Distance _______’ □ (25’)
  - Line of adjoining property that can be built upon: (25’)
    - N ______’ □ S ______’ □ E ______’ □ W ______’ □

**Transport vehicle loading and unloading facilities** 14.2119(a):

  Transfer piping, pumps, and compressors protected from vehicular damage: YES □ NO □

**Remote shut down device** for pump/compressor located minimum 25’ from equipment: Listed? □

  Distance _______’ □ 14.2122(c)

  Remote shutdown marked per 14.2101: YES □ NO □

  Remotely located pumps/compressors used for loading unloading tank vehicles shall be provided with shutdown controls: at transfer area: YES □ NO □ and at pump/compressor site: YES □ NO □

**Emergency communications** provided at transfer locations: YES □ NO □ 14.2128

**Fire Protection** 14.2131:

  Equipment to detect and control LNG, flammable refrigerants, or flammable gases:
    - Fire: YES □ NO □
    - Leaks: YES □ NO □

  Equipment to detect and control potential non-process and electrical fires: YES □ NO □

  Dikes, grading or diversion curbs provided: YES □ NO □ 14.2304(c)

  Instructions identifying location and operation of emergency controls: YES □ NO □ 14.2304(e)

**Local Fire Marshal or LEPC approval:** YES □ NO □

**Fuel Dispensing Systems** 14.2313:

  Emergency shut-down devices shall be marked per 14.2101: YES □ NO □

  Emergency shut-down devices (ESD) shall activate a valve installed at the dispensing area that shuts off power & gas supply to dispensers. ESD locations:
    - ≤93,240 gallons: 35-50 feet from container: Listed? □ Distance _______’ □
    - 93,241 gallons or more: 60-75 feet from container: Listed? □ Distance _______’ □

  Manually operated shutoff valves in manifolds as close as practicable to container(s): YES □ NO □

  Is a detailed area within 150’ of the dispenser or the nearest property line shown? YES □ NO □
**Automatic Fuel Dispensers 14.2319:** Applicable: YES □ NO □

Electric installations within dispenser enclosure comply with NEC, Class 1, Group D, Division 1 (with exception of components located a minimum of 48 inches above dispenser base): YES □ NO □

Key, card, or code system used to activate automatic dispenser: YES □ NO □

Emergency shut-down device for entire installation a minimum of 20 feet from nearest dispenser or storage area: Listed? □ Distance _______’ □

Marked per 14.2101: YES □ NO □

Lighting during hours of darkness: YES □ NO □

**Protection of Automatic and Other Dispensers 14.2322**

Dispenser secured to concrete island at least 6 inches above normal grade and two inches above the grade of any other liquid fuel dispenser*: YES □ NO □ N/A □

Protected against collision on approach ends of concrete island*: YES □ NO □ N/A □

*If the concrete island is not installed or protected as described above then the dispensers shall be protected as specified in 14.2101: YES □ NO □ N/A □

**Emergency Failsafe 14.2510:**

Facility designed so that if power or instrument air fails the system will go into a failsafe condition that will be maintained until the operator can take appropriate action: YES □ NO □

**Electrical Equipment 14.2513:**

Fixed electrical equipment and wiring installed:

Storage Containers located outdoors aboveground ≥200 gallons – Group D, Division 1 – 15 feet in all directions plus area inside dike: Listed? □ Distance _______’ □

Storage containers located outdoors in open air at or above grade:

Group D, Division 1 – Within 5 feet in all directions: Listed? □ Distance _______’ □

Group D, Division 2 – 5-15 feet in all directions: Listed? □ Distance _______’ □

**Unusual topographical or geographical features?**

**Other activities, features, or safety concerns?**

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**Lease agreement required:** YES □ NO □ Date: ____________

**NOTIFICATION STATUS (14.2040(d))** Applicable YES □ NO □

Certified Survey Plat (with 500’ radius marked) Rec’d: □ Date ____________

Real property owners listed on survey plat or separate list indicating property owned rec’d?

YES □ NO □ Date ____________

LPG Form 2500a(‘s) rec’d: □ Date ____________

Number of real property owners: __________ Number of owners properly notified: __________

Certified mail receipts rec’d: □ Date ____________

Latest date notification sent: __________

Property owner’s (18 day) Response deadline: __________

**RENOTIFICATION INFORMATION (if required) Applicable** YES □ NO □

Certified mail receipts rec’d: □ Date ____________

Latest date notification sent: __________

Property owner’s (18 day) Response deadline: __________
Number of objections rec’d ______________ Number of owners with valid objections __________

Valid objection reasons stated: ___________________________ 14.2040(c)(5)

Review of Submitted Application (deficiencies noted & listed below):

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Action Taken: ____________________
Current Status of Proposal: ____________________