Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

**MEA 173-08-E**

**Manufacturer:** Highland Tank/Lowe Engineering  
1510 Stoystown Road  
Friedens, PA  15541

**Trade Name(s):** Highland Tank

**Product:** Passive Grease Interceptors  
MEA Index #400-10 – Grease Traps

**Pertinent Code Section(s):** Reference Standard RS16 – Section P105.4(d)

**Prescribed Test(s):** Reference Standard RS 16 – Section P105.4(d)(4)

**Laboratory:** Richard Galli, P.E., License #59461, 734 Walt Whitman Road, Suite 402A, Melville, N.Y. 11747

**Test Report(s):** Certified by Richard Galli, P.E. – compliance with Section P105.4(d)(4) of Reference Standard RS 16.

**Description:** Highland’s PGIs are gravity-based underground buried outdoor protected steel grease interceptors. They are designed to intercept and remove large quantities of sewer clogging fats, oils and grease (FOG) that might interfere with proper drainage and treatment of municipal wastewater. These large capacity interceptors have more retention time, storage capacity, and require less maintenance by food personnel than smaller capacity indoor grease interceptors.

The interceptors are divided into multiple compartments. The solids sink to the bottom and collect at the sludge baffles. The grease floats to the surface and accumulates at the dams, leaving clearer water beneath as the discharge.

Regular inspections determine the thickness of the grease and solids layer. Grease is pumped through the top quick opening main-ways. The cylindrical design is easier to clean than flat bottom interceptors. During pump out, all the solids and liquids flow to the bottom centerline, right to the suction hose. PGIs contain specially designed internal baffles to reduce flow turbulence and accelerate the separation process. This exclusive “Diffusion and Switchback Baffling System” permits the interceptor to retain wastewater long enough for the liquefied grease to separate cool and congeal.
**Terms and Conditions:** The described grease interceptors are accepted on condition that:

1. All uses, locations and installations comply with the New York City Building Code, Subchapter RS-16 and with Reference Standard RS-16, specifically Section P105.4(d)(4).

2. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance

June 19, 2020

Examined By