



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Robert D. LiMandri, Acting Commissioner
(212) 566-5000, TTY: (212) 566-4769

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

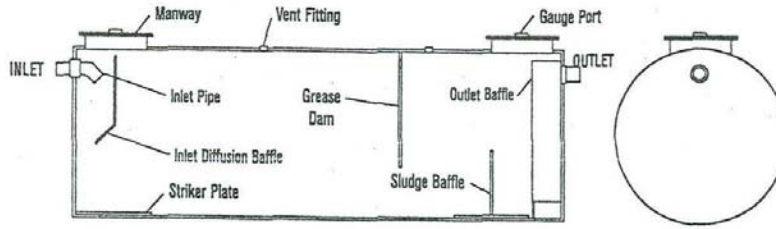
Test Report(s): Certified by Richard Galli, P.E. – compliance with
Section P105.4(d)(4) of Reference Standard RS 16.

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.

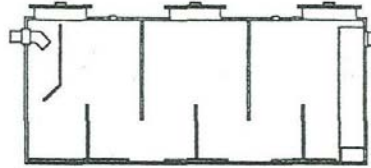
The interceptors are divided into multiple compartments. The solids sink to the bottom and collect at the sludge baffles. The grease floats to the surface and accumulates at the dams, leaving clearer water beneath as the discharge.

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.

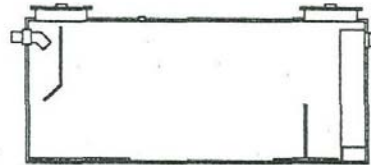
General Arrangement - Double Basin



Triple Basin



Single Basin - Simple "Knock-Out" Design



Nominal Capacity (gal.)	Operating Grease Volume (gal. / lbs.)	Nominal Inside Dimensions		Inlet / Outlet** Diameter
		Diameter	Length	
* 240	63 / 483	3' 2"	4' 0"	4"
* 300	76 / 581	3' 2"	5' 0"	4"
550	137 / 1,041	3' 6"	7' 9"	4"
750	190 / 1,444	3' 6"	10' 9"	4"
1,000	247 / 1,875	4' 0"	10' 9"	6"
1,500	403 / 3,065	5' 4"	9' 0"	6"
2,000	514 / 3,906	5' 4"	12' 0"	8"
2,500	643 / 4,886	5' 4"	15' 0"	8"
3,000	771 / 5,862	5' 4"	18'-0"	8"
4,000	1,028 / 7,817	5' 4"	24' 0"	8"
5,000	1,245 / 9,465	6' 0"	23' 10"	10"
6,000	1,497 / 11,383	6' 0"	28' 8"	10"
7,000	1,847 / 14,040	7' 0"	24' 4"	10"
8,000	2,125 / 16,155	7' 0"	28' 0"	10"
9,000	2,349 / 17,858	8' 0"	24' 0"	12"
10,000	2,611 / 19,842	8' 0"	26' 8"	12"
12,000	3,133 / 23,811	8' 0"	32' 0"	12"
15,000	5,000 / 37,998	10' 0"	25' 6"	14"
20,000	5,413 / 41,140	10' 6"	31' 0"	16"
25,000	6,544 / 49,738	10' 6"	38' 9"	18"
30,000	7,580 / 57,606	10' 6"	48' 6"	20"
40,000	10,035 / 76,269	12' 0"	47' 6"	24"
50,000	12,570 / 95,538	12' 0"	59' 6"	24"

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, 2008
Examined By Donald [Signature]