Form # P 04 DISPLAY THIS CAP	RD ON PRINCIPAL FRO	NTAGE OF WORK
Please Read Application And Notes, If Any, Attached	Y OF PORTLAI PERMIN	ND Permit Number: 061381
This is to certify that POWER TEST REALTY	/] Tyree Company	PERMIT ISSUED
has permission to Remove 3 underground stores AT Remove 3 underground stores ST		OCT 2 3 2006
provided that the person or person of the provisions of the Statutes of the construction, maintenance and this department.	f line and of the same nances	ng this permit shall comply with all of the City of Portland regulating es, and of the application on file in
Apply to Public Works for street line and grade if nature of work requires such information.	ification of insperion music on and with en permition process ore this ilding or art there is led or constructions dosed-in 4 JR NOTICE TS REQUIRED.	A certificate of occupancy must be procured by owner before this build- ing or part thereof is occupied.
OTHER REQUIRED APPROVALS Fire Dept Health Dept Appeal Board Other Department Name		ame Danke 10/20/02 Director - Building & Inspection Services
PEN	IALTY FOR REMOVING THIS CA	NRD '

Ţ

Cit	y of Portland, Maine	- Building or Use	Pormi	t Application	Permit No:		Issue Date:		CBL:	<u> </u>
	Congress Street, 04101	•		* *		81			186 D00	01001
	tion of Construction:	Owner Name:			Owner Address:				Phone:	
	7 CONGRESS ST	POWER TEST	Γ REAI		1500 HEMPS		D TURNP	IKE	I none.	
Busir	ness Name:	Contractor Name	:		Contractor Add	ress:			Phone	
		The Tyree Cor	mpany		9 Otis Street	West	borough		50887183	00
Lesse	ee/Buyer's Name	Phone:		]	Permit Type: Tanks - Com	merc				B-1
Past	Use:	Proposed Use:		<u> </u>	Permit Fee:		Cost of Wor	k:	CEO District:	7
Cor	nmercial	Commercial/ F	Commercial/ Remove 3		\$30.00 \$30.00				3	
		underground s	-	anks &	FIRE DEPT: Approved INSP				ECTION:	
		associated pipi	ing				Denied	Use Gro		Туре:
					NFPA	÷	۱.		TA	NOK EMOUAL
-	osed Project Description:				Signature: 🖌		~		A start	La da
Ren	nove 3 underground storage	e tanks & associated pi	ping					Signatur		10/06
				1	PEDESTRIAN A	ACTP	VITIES DIST	RICT (P	<b>A</b> ( <b>10</b> .)	· /
					Action: A	pprov	ed App	proved w/0	Conditions	Denied
					Signature:				Date:	
Pern	it Taken By:	Date Applied For:			Zon	ing	Approva	ıl		
ldo	bson	09/20/2006								
1.	This permit application do		Spe	cial Zone or Review	's i	Zonin	g Appeal		Historic Prese	ervation
	Applicant(s) from meeting Federal Rules.	g applicable State and	Sh 🗌	noreland	🗌 🗌 Va	riance			Not in Distric	t or Landmark
2.	Building permits do not in septic or electrical work.	clude plumbing,	□ w	fetland	🗌 Mi	scellai	ieous		Does Not Req	uire Review
3.	Building permits are void within six (6) months of th		Flo	ood Zone	Co	nditio	nal Use		Requires Revi	iew
	False information may inv permit and stop all work		🗌 Su	ıbdivision		erpreta	ation		Approved	
			📋 Si	te Plan	ДАр	prove	ł		Approved w/0	Conditions
	PERMIT ISS	UED	Maj [ Date:			nied			Denied	$\mathbf{R}$
	OCT 2 3 20 CITY OF PORT	06	Date:	9/2-07	Date:		_	Da		

## CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE



## **General Building Permit Application**

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 1217 (		
Total Square Footage of Proposed Structure	Square Footage of Lot 20,775ft	2
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 186	OWNER: GETTY PETROLEUM MKTO 141 MAIN ST 5. PORTLAND, ME	5 Telephone: (500) & 54 · 4385
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: AARUN ANARA (503)871-83 TTREF CO 9 CMIS ST WESTISORO, MA 01587	Cost Of Work: \$ Fee: \$OUOU C of O Fee: \$
Current Specific use: If vacant, what was the previous use?	NDERLAWND STORAGE TANISS A	
Contractor's name, address & telephone: TPR Who should we contact when the permit is read Mailing address: 9 OTT > ST - WESTBORD	EE COMPANY 17: <u>AARON AMARA - TYRE</u> Phone: <u>507 871 5305 x 202</u>	<u></u>

Please submit all of the information outlined in the Commercial Application Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information visit us on-line at <u>www.portlandmaine.gov</u>, stop by the Building Inspections office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant:	tr &	fn	Date:	9	11	01
X	$1 \rightarrow$	4			i —	

This is not a permit; you may not commence ANY work until the permit is issued.

# The Tyree Company

9 Otis Street, Westborough, MA • (508) 871-8300 • FAX: (508) 871-8301

September 18, 2006

City of Portland Planning & Development Dept. ATTN: Lannie Dobson 389 Congress Street Portland, ME 04101

RE: General Building Permit Application 1217 Congress St (Chart 186, Block D, Lot 1) Getty Station ID 28032

Miss Dobson,

Enclosed please find a general building permit application for the removal of underground storage tanks at the subject property. Along with this application please find a plot plan locating the tanks to be removed and a check for \$30.00 for the application fee made out to the City.

Should you require any other information, please contact me at the information below.

Sincerely,

Aaron Amara ` Engineering Coordinator (508) 871-8300 x202 <u>aamara@tyreeorg.com</u>



s including cover sheet: Z
AARON AMARA
508) 871 8300x 202
Please comment
FIND A
ATTON THAT
REST OF THE
ALL W/ ANY
JTHING ELSE!

SEP. 19 '06 (WED) 16:10 COMMUNICATION  $N_{\circ}$ :24 PAGE. 1 · · ·

- (2) Tanks equipped with a high-level detection device that is independent of any gauging equipment. Alarm shall be located where personnel who are on duty throughout product transfer can promptly arrange for flow stoppage or diversion.
- (3) Tanks equipped with an independent high-level detection system that will automatically shut down or divert flow.
- (4) Alternatives to instrumentation described in 66.2.5.1.1(2) and 66.2.5.1.1(3) where approved by the AHJ as affording equivalent protection. [30:2.6.1.1]

**66.2.5.1.2** Instrumentation systems covered in 66.2.5.1.1(2) and 66.2.5.1.1(3) shall be electrically supervised or equivalent. [**30**:2.6.1.2]

**66.2.5.1.3** Formal written procedures required in 66.2.5.1.1 shall include the following:

- (1) Instructions covering methods to check for proper lineup and receipt of initial delivery to tank designated to receive shipment.
- (2) Provision for training and monitoring the performance of operating personnel by terminal supervision.
- (3) Schedules and procedures for inspection and testing of gauging equipment and high-level instrumentation and related systems. Inspection and testing intervals shall be acceptable to the AHJ but shall not exceed 1 year. [30:2.6.1.3]

**66.2.5.1.4** An underground tank shall be equipped with overfill prevention equipment that will operate as follows:

- (1) Automatically shut off the flow of liquid into the tank when the tank is no more than 95 percent full
- (2) Alert the transfer operator when the tank is no more than 90 percent full by restricting the flow of liquid into the tank or triggering the high-level alarm
- (3) Other methods approved by the AHJ [30:2.6.1.4]

### 66.2.5.2 Identification and Security.

**66.2.5.2.1 Emergency Response Identification.** The application of NFPA 704, *Standard System for the Identification of the Hazards of Materials for Emergency Response*, to storage tanks containing liquids shall not be required except where the contents have a health or reactivity degree of hazard of 2 or more or a flammability rating of 4. The marking shall not need to be applied directly to the tank but shall be located where it can readily be seen, such as on the shoulder of an accessway or walkway to the tank or tanks or on the piping outside of the diked area. If more than one tank is involved, the marking shall be so located that each tank can readily be identified. **[30**:2.6.2.1]

**66.2.5.2.2** Unsupervised, isolated aboveground storage tanks shall be secured and marked in such a manner as to identify the fire hazards of the tank and the tank's contents to the general public. The area in which the tank is located shall be protected from tampering or trespassing, where necessary. **[30:**2.6.2.2]

### 66.2.5.3 Tanks in Areas Subject to Flooding.

**66.2.5.3.1 Water Loading.** The filling of a tank to be protected by water loading shall be started as soon as floodwaters are predicted to reach a dangerous flood stage. Where independently fueled water pumps are relied upon, sufficient fuel shall be available at all times to permit continuing operations

until all tanks are filled. Tank valves shall be locked in a closed position when water loading has been completed. [**30:**2.6.3.1]

**66.2.5.3.2 Operating Instructions.** Operating instructions or procedures to be followed in a flood emergency shall be readily available. [**30**:2.6.3.2]

**66.2.5.3.3 Personnel Training.** Personnel relied upon to carry out flood emergency procedures shall be informed of the location and operation of valves and other equipment necessary to effect the intent of these requirements. **[30:**2.6.3.3]

## 66.2.5.4 Temporary or Permanent Removal from Service of Aboveground Tanks.

**66.2.5.4.1\*** Closure of Storage Tanks. Aboveground tanks taken out of service or abandoned shall be emptied of liquid, rendered vapor-free, and safeguarded against trespassing. [**30:**2.6.4.1]

**66.2.5.4.2 Reuse of Aboveground Storage Tanks.** Only those used tanks that comply with the applicable sections of NFPA 30 and are approved by the AHJ shall be installed for flammable or combustible liquids service. **[30:**2.6.4.2]

## 66.2.5.5 Temporary or Permanent Removal from Service of Underground Tanks.

**66.2.5.5.1 General.** The procedures outlined in this subsection shall be followed when taking underground tanks temporarily out of service, closing them in place permanently, or removing them. All applicable safety procedures associated with working in proximity to flammable and combustible materials shall be strictly adhered to. (*See Appendix C of NFPA 30 for additional information.*) [**30**:2.6.5.1]

**66.2.5.5.2 Temporary Closure.** Tanks shall be rendered temporarily out of service only when it is planned that they will be returned to active service, closed in place permanently, or removed within a reasonable period not exceeding 1 year. The following requirements shall be met:

- (1) Corrosion protection and release detection systems shall be maintained in operation.
- (2) The vent line shall be left open and functioning.
- (3) The tank shall be secured against tampering.
- (4) All other lines shall be capped or plugged. [30:2.6.5.2]

**66.2.5.5.2.1** Tanks remaining temporarily out of service for more than 1 year shall be permanently closed in place or removed in accordance with 66.2.5.5.3 or 66.2.5.5.4, as applicable. [**30**:2.6.5.2]

**66.2.5.5.3 Permanent Closure in Place.** Tanks shall be permitted to be permanently closed in place if approved by the AHJ. All of the following requirements shall be met:

- (1) All applicable AHJs shall be notified.
- (2)\*A safe workplace shall be maintained throughout the prescribed activities.
- (3) All flammable and combustible liquids and residues shall be removed from the tank, appurtenances, and piping and shall be properly disposed of.
- (4) The tank shall be made safe by either purging it of flammable vapors or inerting the potential explosive atmosphere in the tank. Confirmation that the atmosphere in the tank is safe shall be by periodic testing of the atmosphere using a combustible gas indicator, if purging, or an oxygen meter, if inerting.
- (5) Access to the tank shall be made by careful excavation to the top of the tank.

- (6) All exposed piping, gauging and tank fixtures, and other appurtenances, except the vent, shall be disconnected and removed.
- (7) The tank shall be completely filled with an inert solid material.
- (8) The tank vent and remaining underground piping shall be capped or removed.
- (9) The tank excavation shall be backfilled. [30:2.6.5.3]

**66.2.5.5.4 Removal and Disposal.** Underground tanks shall be removed in accordance with the following requirements:

- The steps described in 66.2.5.5.3(1) through 66.2.5.5.3(5) shall be followed.
- (2) All exposed piping, gauging and tank fixtures, and other appurtenances, including the vent, shall be disconnected and removed.
- (3) All openings shall be plugged, leaving a <sup>1</sup>/<sub>4</sub>-in. (8-mm) opening to avoid buildup of pressure in the tank.
- (4) The tank shall be removed from the excavated site and shall be secured against movement.
- (5) Any corrosion holes shall be plugged.
- (6) The tank shall be labeled with its former contents, present vapor state, vapor-freeing method, and a warning against reuse.
- (7) The tank shall be removed from the site promptly, preferably the same day. [30:2.6.5.4]

**66.2.5.5.5 Temporary Storage of Removed Tanks.** If it is necessary to temporarily store a tank that has been removed, it shall be placed in a secure area where public access is restricted. A ¼-in. (8-mm) opening shall be maintained to avoid buildup of pressure in the tank. [**30**:2.6.5.5]

**66.2.5.5.6 Disposal of Tanks.** Disposal of tanks shall meet the following requirements:

- (1) Before a tank is cut up for scrap or landfill, the atmosphere in the tank shall be tested in accordance with 66.2.5.5.3(4) to ensure that it is safe.
- (2) The tank shall be made unfit for further use by cutting holes in the tank heads and shell. [**30**:2.6.5.6]

**66.2.5.5.7 Documentation.** All necessary documentation shall be prepared and maintained in accordance with all federal, state, and local rules and regulations. **[30:**2.6.5.7]

**66.2.5.5.8 Reuse of Underground Tanks.** Only those used tanks that comply with the applicable sections of NFPA 30 and are approved by the AHJ shall be installed for flammable or combustible liquids service. [**30:**2.6.5.8]

**66.2.5.5.9 Change of Service of Underground Tanks.** Tanks that undergo any change of stored product shall meet the requirements of Section 2.2 of NFPA 30. [**30:**2.6.5.9]

66.2.5.6\* Leak Detection and Inventory Records for Underground Tanks. Accurate inventory records or a leak detection program shall be maintained on all Class I liquid storage tanks for indication of possible leakage from the tanks or associated piping. [30:2.6.6]

## 66.2.5.7 Tank Maintenance.

**66.2.5.7.1** Each tank shall be maintained liquidtight. Each tank that is leaking shall be emptied of liquid or repaired in a manner acceptable to the AHJ. [**30**:2.6.7.1]

**66.2.5.7.2** Tanks that have been structurally damaged, have been repaired or reconstructed, or are suspected of leaking

shall be tested in accordance with 2.4.1 of NFPA 30 or in a manner acceptable to the AHJ. [30:2.6.7.2]

**66.2.5.7.3\*** Tanks and all tank appurtenances, including normal vents and emergency vents and related devices, shall be properly maintained to ensure that they function as intended. **[30:**2.6.7.3]

**66.2.5.7.4** Openings for gauging on tanks storing Class I liquids shall be provided with a vaportight cap or cover. Such covers shall be closed when not gauging. [**30**:2.6.7.4]

## 66.3 Piping Systems.

## 66.3.1 Scope.

**66.3.1.1** Section 66.3 shall apply to piping systems consisting of pipe, tubing, flanges, bolting, gaskets, valves, fittings, flexible connectors, the pressure-containing parts of other components such as expansion joints and strainers, and devices that serve such purposes as mixing, separating, snubbing, distributing, metering, controlling flow, or secondary containment of liquids and associated vapors. [**30**:3.1.1]

66.3.1.2 Section 66.3 shall not apply to any of the following:

- (1) Tubing or casing on any oil or gas wells and any piping connected directly thereto
- (2) Motor vehicles, aircraft, boats, or piping that are integral to a stationary engine assembly
- (3) Piping within the scope of any applicable boiler and pressure vessel code [**30**:3.1.2]

### 66.3.2 General Requirements.

**66.3.2.1 Performance Standards.** The design, fabrication, assembly, test, and inspection of piping systems shall be suitable for the expected working pressures and structural stresses. Compliance with applicable sections of ASME B31, *Code for Pressure Piping*, and the provisions of 66.3.2 shall be considered prima facie evidence of compliance with the foregoing provisions. **[30**:3.2.1]

**66.3.2.2 Tightness of Piping.** Piping systems shall be maintained liquidtight. A piping system that has leaks that constitute a hazard shall be emptied of liquid or repaired in a manner acceptable to the AHJ. [**30**:3.2.2]

## 66.4 Container and Portable Tank Storage.

66.4.1 General.

### 66.4.1.1\* Scope.

**66.4.1.1.1** The requirements of Section 66.4 shall apply to the storage of liquids in drums or other containers that do not exceed 60 gal (227 L) individual capacity, in portable tanks that do not exceed 660 gal (2498 L) individual capacity, and in intermediate bulk containers that do not exceed 793 gal (3000 L) and to limited transfers incidental thereto. For portable tanks that exceed 660 gal (2500 L), Chapter 2 of NFPA 30 shall apply. The requirements of Section 66.4 shall also apply to overpack drums that do not exceed 85 gal (322 L) capacity when used for temporary containment of containers that do not exceed 60 gal (227 L) capacity. Such overpack containers shall be treated as containers as defined in 3.3.3. [**30:4.1.1**]

**66.4.1.1.2** The requirements of Section 66.4 shall not apply to the following:

 Containers, intermediate bulk containers, and portable tanks that are used in process areas, as covered by Section 66.5