

**DEPARTMENT OF CONSUMER AFFAIRS AND BUSINESS
REGULATION**

DIVISION OF STANDARDS

2005 ANNUAL REPORT

THE STANDARD FOR **FAIRNESS** IN THE MARKETPLACE



Mitt Romney
Governor

Kerry Healey
Lieutenant Governor

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\$25.9 Million in Consumer and Merchant Savings

A Message from the Division:

The primary mission of the Division of Standards is to provide uniformity in the marketplace by enforcing standard accuracy requirements for devices used in the weighing or measuring of any item sold by weight, measure or count.

The Division of Standards is proud to issue its 2005 annual report. Through the committed efforts of the Division and according to annual reports filed with the Division by its local weights and measures partners, Massachusetts individual and corporate consumers saved more than **\$25.9 million** from January 1, 2004 through December 31, 2004.

Every day, state and local weights and measures officials ensure that in all 351 cities and towns in the Commonwealth that the nearly 15,000 commercial weighing and measuring devices are all tested against a uniform set of weights and measures under the direction of and within the purview of the Division, complying with the exact same accuracy standards. These tests guarantee that a pound of turkey at the corner deli is a full pound and that we get the full gallon of gas that we pay for at the local gas station. Uniformity in the marketplace underlies each of the more than 23,000 inspections that happen annually. The Division is committed to training and certifying all weights and measures officials in all our cities and towns to ensure that Massachusetts consumers receive fair value for their money. All test standards of mass, volume, and length must be calibrated by the Division's Metrology Laboratory located in Waltham, where they are issued certificates indicating traceability to national standards. The process ensures uniformity not only throughout Massachusetts but throughout the country.

The Department of Consumer Affairs and Business Regulation's Division of Standards is the best kept secret in state government. Through the work its inspectors do every day, Massachusetts consumers are assured that the goods offered in the marketplace meet a uniform set of standards and that we all receive fair value for what we pay for. This annual report documents that value.

Agency Profile:

The Division is responsible for enforcing the accuracy requirements and other standards relating to weighing and measuring devices and the use thereof in the sale of food, fuels and other products. DOS regulates the sale of gasoline and sets standards for lubricating oils and antifreeze, including the inspection of all fuel dispensing equipment for required markings pertaining to grade and brand. The Division also tests and approves coin operated devices. It licenses auctioneers, transient vendors, peddlers, motor fuel and oil retailers and registers auto damage repair shops. In addition the Division enforces the item pricing law and the unit pricing regulations.

In addition to our statutory requirement to annually test and certify all weighing and measuring devices used commercially in towns with a population less than 5,000, the Division tests and inspects price scanners in retail stores for accuracy. Price verification, item pricing inspections and training of local officials are our ongoing annual priorities. The Division administers grants awarded to local agencies for the purpose of enforcing scanner and item pricing accuracy in retail stores. During Fiscal Year 2005 the item pricing scanner accuracy grants exceeded \$600,000.

The Division is required to administer the annual testing and certifying of all commercial weighing and measuring devices. Devices tested included:

- Small and large capacity scales
- Weights
- Motor fuel dispensers
- Vehicle tank meters used in the sale of liquid fuels
- Propane meters
- Milk tanks
- Coin operated amusement devices
- Reverse vending machines used for recycling soft drink containers.

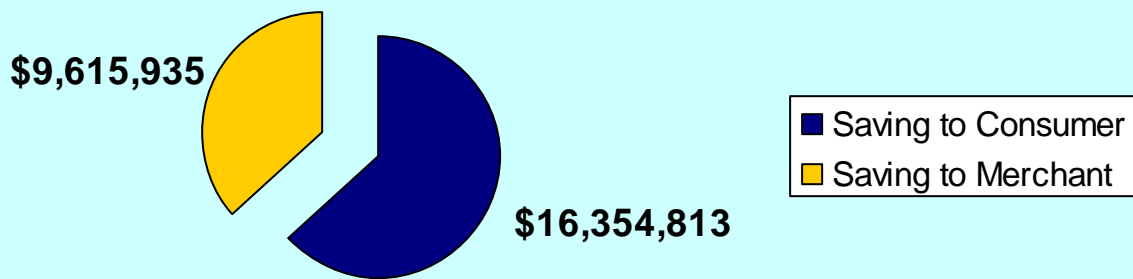
The Division also inspects pre-packaged food and non-food products to ensure that the net quantity is accurate and that minor variations are within acceptable legal metrology parameters.

The Division issued more than 9,000 licenses to auctioneers, hawkers and peddlers, transient vendors, motor fuel and oil dealers, and auto damage repair shops.

2005 Accomplishments:

- Issued **9,811** licenses that produced **\$1.5** million in license fees.
- Tested and certified, as required, **14,661** commercial weighing and measuring devices in **117** towns with less than 5,000 in population and **43** contract towns.
- Conducted over **19,000** inspections, which included scales, motor fuel dispensers including price signs, fuel oil deliveries, and pre-packaged commodities.
- Conducted and administered **2,889** store inspections pertaining to item pricing and price verification, which resulted in **\$651,700** in civil penalties for various pricing violations.
- Issued **161** civil citations for various weights and measures violations and collected **\$ 23,848** in penalties.
- Administered certification tests and field certified another **7** local officials bringing the total of certified local officials to **207**.
- Conducted training for **403** local officials in various weights and measures disciplines.
- Contracted with **43** municipalities to provide weights and measures services.

\$25.9 Million
Total Annual Consumer / Merchant
Savings



Division of Standards Impact Saving Report 2005

Type of Device	Saving to Consumer	Saving to Merchant
Gasoline Meters	\$ 344,983	\$ 794,799
Vehicle Tank (Oil)	\$ 21,634	\$ 8,829
Vehicle Tank (Propane)	\$ 66,425	\$ 80,301
Total Division Savings	\$ 433,042	\$ 883,929
Total Municipal Savings	\$ 15,921,771	\$ 8,732,006
Total State/Municipal Savings	\$ 16,354,813	\$ 9,615,935

Annual Income for 2005 by Function

License & Permits

LICENSING	FEES COLLECTED	NUMBER ISSUED
Auctioneers	\$ 76,200	726
Auto Damage Repair Shops	\$ 355,950	793
Hawkers & Peddlers	\$ 85,900	1,432
Transient Vendors	\$ 10,500	105
Motor Fuel & Oil	\$ 970,200	6,468
Antifreeze Permits	\$ 7,175	287
Totals	\$ 1,505,925	9,811

OTHER INCOME

Contract Fees Weights and Measures Services	\$ 145,250
Civil Citations	\$ 23,826
Item Pricing Fines	\$ 650,700
Totals	\$ 819,776

TOTAL OF ALL INCOME FOR 2005 \$2,325,701

Division of Standards Inspection Summary

Devices Tested 2005	Sealed	Adjusted	Not Sealed	Condemned	Inspection Totals
Scales	4,416	158	28	316	4,760
Weights	1,668	0	0	24	1,692
Gasoline Meters	7,047	802	113	25	7,185
Oil Trucks	531	39	4	8	543
Propane Trucks	466	125	4	11	481
Totals	14,128	1,124	149	384	14,661
Complaints (Compliance Officers Investigations)	211		211		
Licensing Investigations	Licensed	Unlicensed	Stop Work Order		
Motor Fuel Sales Act	161	290	N/A	451	
Auto Damage Repair Shops	23	291	58	314	
Item Pricing Inspections	Inspections	Fines Issued			
Agents	2,489	\$ 532,600	2,489		
DOS Inspectors	400	\$ 119,100	400		
Price Verification	Passed	Failed	Totals		
Price Verification Inspections	108	23	131		
Store Surveys Price Verification	72	8	80		
Totals	180	31	211	211	
Home Heating Deliveries	Trucks	Slips	Sealed	Unsealed	
	162	1025	153	9	162
Civil Citations	No. Issued	Fines			
DOS Compliance Officers	161	\$ 23,848	161		
Total Inspections 2005					19,060

LOCAL WEIGHTS AND MEASURES ANNUAL REPORT TOTALS

2004 Sealers Devices Tested

Devices Tested	Number of Devices
Scales	22,450
Weights	12,945
Vol. Measures	140
Gasoline Meters	29,117
Vehicle Tank Meters	2,530
Bulk Storage Meters	528
Taxi Meters	4,376
Reverse Vending	657
Linear Measures	149
Misc.	204
Scanners	1,376
Total Devices	74,472

2004 Financial Totals

Sealing Fees	\$ 1,395,994
Cost of Departments	\$ 2,613,615
Civil Citations	\$ 151,992
Salaries	\$ 2,814,314
Consumer Funds	\$ 394,369
Consumer Savings	\$ 15,921,771
Merchant Savings	\$ 8,732,006
Total Overall Savings Merchants and Consumers	\$ 24,653,777

Compliance Officer Field Standard Inventory & Certification Dates

(Field standards are calibrated on a five year cycle updated as of March 27, 2006)

Compliance Officer	31 lb Test Weight Kit, 10lbs to 1/32 oz to .001 lb		Apoth & metric, 2oz AP to .5gn & 50g to 10mg		50 lb & 25 lb grip weights		5 Gallon Test Measures #1		
	Test No.	Cal. Date	Test No.	Cal. Date	Test No.	Cal. Date	Serial #	Test No.	Cal. date
Brothers	0405-033	8/27/04	0001-318	7/6/01	0304-065A	1/7/04	#00-12554-20	0405-057	11/2/04
							#00-12554-21	0405-058	11/2/04
Hansbury	0304-006	7/30/03	0405-008	7/12/04	0304-044	9/24/03	#42484-B	0506-093	1/30/06
							#42484-C	0506-092	1/30/06
Lenkowski	0304-105	6/16/04	0001-315	7/6/01	0304-065A	1/7/04	#00-12554-14	0304-106	6/21/04
							#00-12554-15	0304-107	6/21/04
Manseau	0405-010	7/26/04	0001-316	7/6/01	0405-076	12/29/04 (25lbs)	#00-12554-05	0304-117	7/1/04
					0405-077	1/4/05 (50lbs)	#00-12554-17	0304-118	7/1/04
McHardy	0304-116	6/30/04	0405-087	1/10/05	0405-076	12/29/04 (25lbs)	#00-12554-01	0506-016	8/4/05
					0405-077	1/4/05 (50lbs)	#00-12554-02	0506-017	8/4/05
Morrissey	0405-112	2/4/05	0506-023	8/17/05	0506-030	9/6/05	#05-01561	0506-010	7/19/05
							#05-01570	0506-011	7/19/05
Niemczura	0405-072	12/31/04	0405-075	1/4/05	0405-076	12/29/04 (25lbs)	#00-12554-04	0405-073	1/4/05
					0405-077	1/4/05 (50lbs)	#00-12554-13	0405-074	1/4/05
Orpen	0304-082	3/26/04	0405-097	1/19/05	0304-083	4/2/04	#00-12554-9	0506-114	3/14/06
							#00-12554-10	0506-113	3/14/06
Scibelli	0405-069	12/16/04	0405-096	1/19/05	0304-065A	1/7/04	#00-12554-08	0405-070	1/4/05
							#00-11436-19	0405-071	1/4/05

Field Volumetric Standards Inventory List AS OF JANUARY 1, 2006

Plate #	Prover Size & Type	Manufacture	Tested by	Date Tested Year
Trailer Mounted Oil Provers				
S 5127	100 Gallon Oil	Gassette	MA Metrology lab	2000
S 2007	100 Gallon Oil	Gassette	MA Metrology lab	2001
S 5323	100 Gallon Oil	Gassette	MA Metrology lab	2001
S 312 J	100 Gallon Oil	Seraphin	Seraphin Tank Mfg.	2002
S 822 K	100 Gallon Oil	Seraphin	Seraphin Tank Mfg.	2002
Trailer Mounted Gasoline Provers				
S 988G	3 – 5 Gallon Gasoline	Seraphin	MA Metrology lab	4/3/2006
S313J	3 – 5 Gallon Gasoline	Seraphin	MA Metrology lab	3/31/2006
Trailer Mounted Propane Provers				
S418F	100 Gallon Propane	Arrow Tank	Maine Metrology Lab	4/24/2002
	25 Gallon Propane	Arrow Tank	Maine Metrology Lab	4/24/2002
S686G	100 Gallon Propane	Seraphin	Seraphin	6/2002
	25 Gallon Propane	Seraphin	Seraphin	6/2002
Mobile Oil & Gasoline Unit				
Motor Fuel Truck S422F	100 gallon oil	Browne Tank	MA Metrology lab	1996
	3 – 5 Gallon Gasoline	Browne Tank	MA Metrology lab	4/1/2002
	3 – 2 Gallon Gasoline	Browne Tank	MA Metrology lab	4/1/2002

Note: 100 gallon Fuel Oil Provers to be calibrated before the end of Fiscal Year 2006

MASTER INVENTORY FY 2005						
DIVISION OF STANDARDS						
Id Number	Commodity Code	Item	Description	Est. Cost	Area	Status
COMMODITY CODE 063-00-00-0000						
S1126	063-00-00-0000	TRUCK	GMC DIESEL ENGINE WEIGHT TRUCK	\$ 100,000.00	FIELD	
00615-617	063-00-00-0000	3 PROVERS	100 GALLON PORTABLE PROVERS	\$ 12,000.00	STANDARDS LAB	
00619	063-00-00-0000	PROVER	100 GALLON LPG PROVER	\$ 10,000.00	STANDARDS LAB	
S422F	063-00-00-0000	MOBIL	GASOLINE TESTING UNIT (BROWNIE TANK)	\$ 66,900.00	FIELD	ADD FY96
			Total	\$ 188,900.00		
COMMODITY CODE 487-00-00-0000						
00167	487-00-00-0000	SETS	US BALANCE & MEASURES		OFFICE	IRREPLACEABLE
00355	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS IN WOODEN CS	\$ 150.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	SET BELL WGHTS BRASS 5000 DWT	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	CANS	5 GALLON MEASURING CANS	\$ 324.00	STANDARDS LAB	ADDFY94
	487-00-00-0000	CANS	5 GALLON MEASURING CANS	\$ 324.00	STANDARDS LAB	ADDFY94
	487-00-00-0000	CANS	5 GALLON MEASURING CANS	\$ 324.00	STANDARDS LAB	ADDFY94
00168	487-00-00-0000	SETS	IUS BALANCE& MEASURES		OFFICE	IRREPLACEABLE
00169	487-00-00-0000	SETS	US BALANCE & MEASURES		OFFICE	IRREPLACEABLE
00166	487-00-00-0000	SETS	US BALANCE & MEASURES	\$ 200,000.00	OFFICE	
00323	487-00-00-0000	CASES	GLASS & WOOD	\$ 500.00	OFFICE	
00324	487-00-00-0000	CASES	GLASS & WOOD	\$ 500.00	OFFICE	
	487-00-00-0000	29 WEIGHTS	25# WEIGHTS \$33.60 EA	\$ 974.00	STANDARDS LAB	ADDFY94
00300	487-00-00-0000	CABINET	EQUIP.IN UPRIGHT STEEL CABINET#300	\$ 1,350.00	STANDARDS LAB	
00324	487-00-00-0000	TEST MEASURE	5 GAL SERAPHIN	\$ 700.00	STANDARDS LAB	
00335-338	487-00-00-0000	TABLE	MARBLE BALANCE	\$ 4,000.00	STANDARDS LAB	
00349	487-00-00-0000	BALANCE	SARTORIUS 2405	\$ 9,000.00	STANDARDS LAB	
00368-377	487-00-00-0000	WEIGHTS	30LB TEST WGHTS RICE LAKE	\$ 2,790.00	STANDARDS LAB	
00393-396	487-00-00-0000	WEIGHTS -4	TROEMNER TROY WGHTS 50OZ-.01DWT	\$ 900.00	STANDARDS LAB	
00504-509	487-00-00-0000	CARTS	MONEY CARTS	\$ 990.00	STANDARDS LAB	
00512-514	487-00-00-0000	TRACKTEST (3)	TRACKTEST FIFTH WHEELS AND ACCES	\$ 5,000.00	STANDARDS LAB	
00517-521	487-00-00-0000	SCALE (5)	EXACT WGHT OVER-UNDER SCALE	\$ 400.00	STANDARDS LAB	
00537-538	487-00-00-0000	SCALE (2)	KTRON ELECTRONIC SCALE	\$ 3,989.50	STANDARDS LAB	
00539-540	487-00-00-0000	SCALE (2)	METTLER PACKAGING	\$ 3,753.62	STANDARDS LAB	
00323	487-00-00-0000	WEIGHTS	SET METRIC TROEMNER #42587	\$ 25,000.00	STANDARDS LAB	
00323	487-00-00-0000	WEIGHTS	SET AVOIRDUPOIS NBS#42587	\$ 25,000.00	STANDARDS LAB	
00323	487-00-00-0000	BALANCES	RUSSELL BALANCE 500#W/LIFTER RODS	\$ 6,000.00	STANDARDS LAB	
00324	487-00-00-0000	TAPE	25/7 METER STEEL NBS TEST#14360	\$ 200.00	STANDARDS LAB	
00324	487-00-00-0000	TAPE	100/.30 METER STEEL NBS TEST #14350	\$ 500.00	STANDARDS LAB	
00324	487-00-00-0000	RULE	18 INCH STEEL NBS TEST #5439	\$ 200.00	STANDARDS LAB	

00324	487-00-00-0000	SLICKER PLATE	5 GALLON NBS TEST #4307	\$ 800.00	STANDARDS LAB	
00324	487-00-00-0000	PIPETS	SET AUTOMATIC 1 GAL NBS TEST#42394	\$ 2,500.00	STANDARDS LAB	
00324	487-00-00-0000	PIPETS	SET AUTOMATIC 5 LITER MBS#42394	\$ 2,500.00	STANDARDS LAB	
00324	487-00-00-0000	BURET	GLASS SGA #41 120- NBS TEST #43220	\$ 400.00	STANDARDS LAB	
00324	487-00-00-0000	BURET	GLASS 8 FLUID DRAMS NBS TEST #42394	\$ 400.00	STANDARDS LAB	
00324	487-00-00-0000	BURET	GLASS 50 MILLILITER NBS TEST #42394	\$ 400.00	STANDARDS LAB	
00324	487-00-00-0000	BAR	50' STEEL LENGTH BAR	\$ 10,000.00	STATE HOUSE	
00339	487-00-00-0000	CABINET	GURLEY BALANCE	\$ 400.00	STANDARDS LAB	
00340	487-00-00-0000	CABINET	50# TROEMNER BLANCE & CABINET	\$ 200.00	STANDARDS LAB	
00341	487-00-00-0000	CABINET	SEEDERER-KHOLBUSCH BAL&CABINET	\$ 400.00	STANDARDS LAB	
00342	487-00-00-0000	CABINET	11# TROEMNER BALANCE& CABINET	\$ 200.00	STANDARDS LAB	
00343	487-00-00-0000	CABINET	4OZ BECKER CHAINOMATIC BALANCE	\$ 400.00	STANDARDS LAB	
00344	487-00-00-0000	CABINET	1/2OZ TROEMNER BALANCE	\$ 600.00	STANDARDS LAB	
00345	487-00-00-0000	BALANCE	VOLAND 4050 BALANCE 30KG.	\$ 8,000.00	STANDARDS LAB	
00346	487-00-00-0000	BALANCE	VOLAND JUNITER 3000 BALANCE 3KG	\$ 6,500.00	STANDARDS LAB	
00347	487-00-00-0000	BALANCE	METTLER CB 1000 BALANCE 1KG	\$ 6,000.00	STANDARDS LAB	
00348	487-00-00-0000	BALANCE	METTLER H20 BALANCE 160GM	\$ 5,000.00	STANDARDS LAB	
00350	487-00-00-0000	COMPARATOR	METTLER PK 60 MASS	\$ 6,713.00	STANDARDS LAB	
00351	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS #351	\$ 9,363.00	STANDARDS LAB	
00352	487-00-00-0000	THERMOMETER	THERMO BATH FOR TESTING THERMO.	\$ 1,100.00	STANDARDS LAB	
00353	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS GURLEY 50LB-1/32	\$ 500.00	STANDARDS LAB	
00354	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS 4 LBS-1/16OZ	\$ 100.00	STANDARDS LAB	
00356	487-00-00-0000	WEIGHTS	METRIC WGHTS ME1-IN WOODEN CASE	\$ 17,390.00	STANDARDS LAB	
00356	487-00-00-0000	WEIGHTS	METRIC WGHTS 1KG-10KG IN CASE	\$ 200.00	STANDARDS LAB	
00357	487-00-00-0000	WEIGHTS	APOTHECARY WGHTS 11 LB TO 1SCRYSL	\$ 525.00	STANDARDS LAB	
00358	487-00-00-0000	WEIGHTS	APOTHECARY WGHTS 10GRAINS-.01GRAIN	\$ 250.00	STANDARDS LAB	
00359	487-00-00-0000	WEIGHTS	CARAT WGHTS	\$ 525.00	STANDARDS LAB	
00360	487-00-00-0000	WEIGHTS	DECAV	\$ 525.00	STANDARDS LAB	
00361	487-00-00-0000	BENCH	16'STANDARD BENCH NBS TEST#42564	\$ 1,500.00	STANDARDS LAB	
00362	487-00-00-0000	WEIGHTS	METRIC WGHTS 500MG TO 1MG	\$ 200.00	STANDARDS LAB	
00363	487-00-00-0000	WEIGHTS	AVOIRDUPOIS WGHTS 11 LB TO 1/32OZ	\$ 150.00	STANDARDS LAB	
00364	487-00-00-0000	WEIGHTS	PENNY	\$ 50.00	STANDARDS LAB	
00365	487-00-00-0000	WEIGHTS	APOTHECARIES WGHTS 12 OZ TO 1 GRAIN	\$ 400.00	STANDARDS LAB	
00366	487-00-00-0000	WEIGHTS	BRASS WGHTS TROY 1000DWT-20DWT	\$ 500.00	STANDARDS LAB	
00367	487-00-00-0000	WEIGHTS	DECIMAL WGHTS .21LB-.001LB	\$ 500.00	STANDARDS LAB	
00397	487-00-00-0000	CASE	WOODEN CASE IN cab#1	\$ 100.00	STANDARDS LAB	
00398	487-00-00-0000	CASE	WOODEN CASE IN CAB#1	\$ 100.00	STANDARDS LAB	
00399	487-00-00-0000	BALANCE	VOLAND POCKET BALANCE	\$ 100.00	STANDARDS LAB	
00426	487-00-00-0000	BALANCE	CHAINOMATIC	\$ 550.00	STANDARDS LAB	

00428	487-00-00-0000	BATH	KINEMATIC VISOITY BATHS	\$ 398.00	STANDARDS LAB	
00434	487-00-00-0000	THERMOREGULATOR	FISHER&PENSKY MARTIN RC ROTOSTAT	\$ 436.00	STANDARDS LAB	
00439	487-00-00-0000	GRINDER	KWICK-WAY VALVE SEAT GRINDER ECT	\$ 200.00	STANDARDS LAB	
00463	487-00-00-0000	LADDER	8' STEP LADDER	\$ 20.00	STANDARDS LAB	
00465	487-00-00-0000	CHAIR	STEEL,EMECO	\$ 37.50	STANDARDS LAB	
00486	487-00-00-0000	KIT	FIRST AID KIT	\$ 70.00	STANDARDS LAB	
00500	487-00-00-0000	SCALE	EXACT WGHTS SCALE 20LBS.	\$ 700.00	STANDARDS LAB	
00501	487-00-00-0000	SCALE	TROEMNER APOTHECARIES SCALE	\$ 100.00	STANDARDS LAB	
00502	487-00-00-0000	SCALE	TROEMNERT APOTHECARIES #800	\$ 200.00	STANDARDS LAB	
00503	487-00-00-0000	DEVICE	MEASUREGRAPH FABRIC MEASURING	\$ 200.00	STANDARDS LAB	
00510	487-00-00-0000	MACHINE	THREAD MEASURING MACHINE HAND	\$ 25.00	STANDARDS LAB	
00511	487-00-00-0000	MACHINE	THREAD MEASURING MACHINE POWER	\$ 50.00	STANDARDS LAB	
00515	487-00-00-0000	MICROSCOPE	LENGTH BENCH MICROSCOPE	\$ 200.00	STANDARDS LAB	
00516	487-00-00-0000	MICROSCOPE	LENGTH BENCH MICROSCOPE PORTABLE	\$ 150.00	STANDARDS LAB	
00522	487-00-00-0000	THERMOMETER	CENTRIFUGE	\$ 250.00	STANDARDS LAB	
00523	487-00-00-0000	THERMOMETER	PROJECTOR READER	\$ 200.00	STANDARDS LAB	
00523	487-00-00-0000	THERMOMETER	HOLDERS	\$ 50.00	STANDARDS LAB	
00524	487-00-00-0000	GLASS	MAGNIFYING GLASS WITH LIGHT	\$ 20.00	STANDARDS LAB	
00525	487-00-00-0000	MACHINE	ICE CRUSHER	\$ 50.00	STANDARDS LAB	
00526	487-00-00-0000	THERMOMETER	ICE POINT TEST UNIT	\$ 150.00	STANDARDS LAB	
00532	487-00-00-0000	WATCH	STOP WATCH	\$ 50.00	STANDARDS LAB	
00533	487-00-00-0000	WATCH	STOP WATCH	\$ 50.00	STANDARDS LAB	
00541	487-00-00-0000	CASE	CARRYING CASES	\$ 100.00	STANDARDS LAB	
00542	487-00-00-0000	CASE	CARRYING CASES	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	APPARATUS	ANTIFREEZE FREEZING POINT	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	MICROMETER	STARETT 4"	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	CYLINDER	STARETT CYLINDER GUAGE	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	WATCHES	ELECTRIC STOP	\$ 75.00	STANDARDS LAB	
	487-00-00-0000	REFRACTOMETER	HYDRO SPY ANTIFREEZE	\$ 38.00	STANDARDS LAB	
	487-00-00-0000	TESTER	MICRONTA MULTI VOLT AND OHMS	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	WATCH	SPRING WOUND STOP WATCH	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	TAPE MACHINE	TAPE	\$ 5.00	STANDARDS LAB	
	487-00-00-0000	DIES	ALPHABET DIES	\$ 15.00	STANDARDS LAB	
	487-00-00-0000	NUMERALS	SET	\$ 10.00	STANDARDS LAB	
	487-00-00-0000	TOOLS	SCREWDRIVES,WRENCHES,PLYERS	\$ 300.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	KNOW WEIGHTS BRASS 5000 DWT	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	KNOB WEIGHTS BRASS 3000 DWT	\$ 80.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	KNOB WEIGHT BRASS 2000 DWT	\$ 60.00	STANDARDS LAB	
	487-00-00-0000	WEIGHTS	BRASS WEIGHTS 50 LBS-511 LBS	\$ 350.00	STANDARDS LAB	

	487-00-00-0000	WEIGHTS-10	AVOIRDUPOIS TES WGHTS GRIP	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	BALANCES TOW PAN	ELECTRONIC TESTING DEVICES		STANDARDS LAB	
	487-00-00-0000	DEVICE	FABRIC TAPES USED FOR FABRIC DEVICE	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	THERMOMETER	AND TES EQUIPMENT		STANDARDS LAB	
	487-00-00-0000	THERMOMETER	STANDARD THERMOMETERS	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	THERMOMETER	COPPER CLAD THERM.(0-220)	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	TAPE	100 FT STEEL TAPE	\$ 25.00	STANDARDS LAB	
	487-00-00-0000	RULER	STARRETT STEEL RULE WITH HOLDER	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	TAPE	50 FT STEEL TAPE	\$ 10.00	STANDARDS LAB	
	487-00-00-0000	CALIPERS	#79 STARRETT OUTSIDE CALIPER	\$ 30.00	STANDARDS LAB	
	487-00-00-0000	MICROMETER	#222 STARRETT MICROMETER	\$ 40.00	STANDARDS LAB	
	487-00-00-0000	MICROMETER	#223 STARRETT MICROMETER	\$ 60.00	STANDARDS LAB	
	487-00-00-0000	GAUGES	DEPTH GAUGES	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	CALIPERS	COMBINATION CALIPERS	\$ 40.00	STANDARDS LAB	
	487-00-00-0000	CALIPERS	INSIDE CALIPERS	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	TAPE	6FT STEEL TAPE	\$ 5.00	STANDARDS LAB	
	487-00-00-0000	RULER	12 INCH STEEL RULE IN CASE	\$ 5.00	STANDARDS LAB	
	487-00-00-0000	CALIPER	BROWN & SHARP #577 VERNIER	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	CALIPER	BROWN&SHARP 11 PCS SET 6MM-INCH	\$ 400.00	STANDARDS LAB	
	487-00-00-0000	MICRMETER	3 PIECE SET	\$ 100.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	2 GAL SERAPHIN	\$ 250.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	1 GAL SERAPHIN	\$ 200.00	STANDARDS LAB	
	487-00-00-0000	BURET	100ML	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	BURET	1 QUART AUTOMATIC ZERO BURET	\$ 90.00	STANDARDS LAB	
	487-00-00-0000	BURET	1 PINT AUTOMATIC ZERO BURET	\$ 75.00	STANDARDS LAB	
	487-00-00-0000	BURET	1/2 PINT AUTOMATIC ZERO BURET	\$ 60.00	STANDARDS LAB	
	487-00-00-0000	BURET	1 OZ MEASURING BURET	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	CYLINDER	2 FLUID	\$ 40.00	STANDARDS LAB	
	487-00-00-0000	BURET	120 MINIMS MEASUREING BURET	\$ 50.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	25 GALLON S/S TEST MEASURE	\$ 4,000.00	STANDARDS LAB	
	487-00-00-0000	FLASKS	SET FLASK 1 PT.,1 QT,1/2 GAL,1 GAL	\$ 1,750.00	STANDARDS LAB	
	487-00-00-0000	FLASKS	SET 4 LITER,2 LITER, 500ML,250 ML,100 ML	\$ 1,750.00	STANDARDS LAB	
	487-00-00-0000	FLASKS	2 GLASS MEASURING FLASKS	\$ 650.00	STANDARDS LAB	
	487-00-00-0000	CASE	2-FIBRE CARRY CASES	\$ 20.00	STANDARDS LAB	
	487-00-00-0000	4-TEST MEASURES	50ML CYLINDRICAL GRADUATE 5 GAL.	\$ 1,012.50	STANDARDS LAB	
	487-00-00-0000	DRY MEASURES	1/2 BUSHEL TO 2 HALF PINT	\$ 250.00	STANDARDS LAB	
	487-00-00-0000	LIQUID MEASUE	1 GALLON TO 1 GILL	\$ 200.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	5 GALLON CONICAL TEST MEASURE	\$ 600.00	STANDARDS LAB	
	487-00-00-0000	TEST MEASURE	5 GALLON STAINLESS STEEL	\$ 336.00	STANDARDS LAB	ADD FY95

	487-00-00-0000	WEIGHTS	23 LBS	\$ 262.64	STANDARDS LAB	ADD FY95
	487-00-00-0000	TEST MEASUSRE	2 GALLON CONICAL TEST MEASURE	\$ 400.00	STANDARDS LAB	
	487-00-00-0000	BALANCE	FRAZIER-RUSSELL BALANCE 5000#	\$ 12,000.00	CONCORD	
			Total	\$ 410,795.76		
COMMODITY CODE 545-00-00-0000						
00625	545-00-00-0000	TEST UNITS	25 GAL. VOLUMETRIC PORTABLE	\$ 3,200.00	FIELD	
00626	545-00-00-0000	TEST UNIT	LPG. 100 GAL. PORTABLE TEST UNIT	\$ 7,200.00	FIELD	
00624	545-00-00-0000	TEST UNITS	100 GAL VOLUMETRIC PORTABLE	\$ 11,800.00	FIELD	
00611	545-00-00-0000	HAND TRUCK	FAIRANKS MODEL C114-6,5000LB CAPA.	\$ 100.00	FIELD	
00612	545-00-00-0000	DOLLIES	JAKES 3300,WOOD 30"X18"X5-1/2' 500lb	\$ 200.00	FIELD	
00602	545-00-00-0000	AVOIRDUPOIS	DECIMAL 0.3LB TO .001 TROEMNER 5W3	\$ 75.00	FIELD	
00603	545-00-00-0000	AVOIRDUPOIS	DECIMAL .0.3LB TO .001 LB TROEMNER 5W3	\$ 75.00	FIELD	
00605	545-00-00-0000	CRANE	HYDRAULIC SHOP CRANE MAX CAP 6000LB	\$ 1,900.00	FIELD	
00606	545-00-00-0000	CABINET	SHOP DESK LYON#2251 W/3 POINT LOCK	\$ 300.00	FIELD	
00607	545-00-00-0000	CABINET	LYON #1010 GREY 36"WIDE,21"DEEP 78"H	\$ 650.00	FIELD	
00608	545-00-00-0000	TOOL TOTER	LYON #3160 GREY 18"W,24"D,34" HIGH	\$ 150.00	FIELD	
00609	545-00-00-0000	PALLET	HAND PALLET RUCK 5000#CAP MODEL2748	\$ 450.00	FIELD	
00618	545-00-00-0000	PROVER	50 GALLON PORTABLE PROVER	\$ 3,000.00	FIELD	
00620-623	545-00-00-0000	4-CARTS	PORTABLE CARTS	\$ 925.00	FIELD	
00529	545-00-00-0000	VICE	BENCH VICE	\$ 25.00	STANDARDS LAB	
00494	545-00-00-0000	PRESS	CHIMPMUNK	\$ 50.00	STANDARDS LAB	
00528	545-00-00-0000	PRESS	DRILL PRESS	\$ 75.00	STANDARDS LAB	
00600	545-00-00-0000	TEST WEIGHT	METRIC STEEL 1KG THRU 1MG TROEMER	\$ 450.00	STANDARDS LAB	
00601	545-00-00-0000	TEST WEIGHT	1-31LB WGT 2LBS-1/16OZ TROEMNER	\$ 450.00	STANDARDS LAB	
	545 00 00 0000	TEST UNIT	OCTANE TEST UNIT (ZELTEX)	\$ 9,995.00	STANDARDS LAB/FLD	ADD FY96
00579	545-00-00-0000	TEST UNIT	OCTANE TEST UNIT (ZELTEX)	\$ 10,000.00	STANDARDS LAB/FLD	ADD FY04
	545-00-00-0000	PROVER	LPG PROVER (ARROR)	\$ 23,024.00	FIELD	ADD FY96
			Totals	\$ 74,094.00	FIELD	ADD FY96
Description of the Items in the Commodity Code	Commodity Codes			Totals		
Vehicles and Engines	063-00-00-0000			\$ 188,900.00		
Laboratory	487-00-00-0000			\$ 410,795.76		
Plant Machinery & Certain Movable Equipment	545-00-00-0000			\$ 74,094.00		
			GRAND TOTAL FOR FY 2005	\$ 673,789.76		