

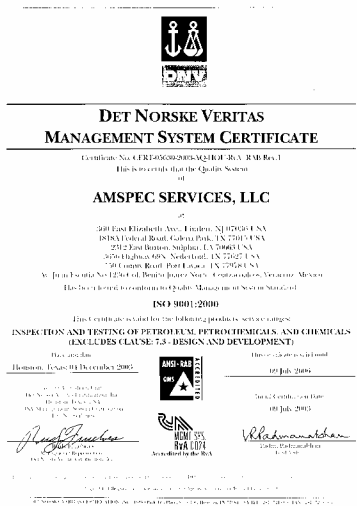


Control

A Division of AmSpec Services LLC

PRICE SCHEDULE, TERMS and CONDITIONS of SERVICES

Effective January 1st, 2005



Members of



American Petroleum Institute



Approved by United States Customs



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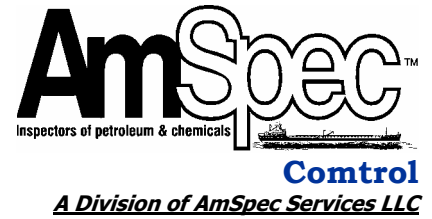
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A) FIELD INSPECTION **SERVICES**

Price Information

Effective January 1st, 2005

A) Field Inspection Services

1) INSPECTION SERVICES

Typically, Services include ship and shore quantity calculations, previous cargo information evaluation, temperaturing, water cutting, custody transfer sampling, time logging, letters of protest/notices of apparent discrepancies and reporting.

1A) BARGES – Up To 60,000 bbls.

	Price Per Long Ton	Minimum per Vessel 1 st Grade/Gauged Lot	Each Additional Grade/Gauged
A) Crude Oils	11.0c	\$750.00	\$530.00
B) Residual fuel Oils	17.0c	\$750.00	\$530.00
C) Gasoline, Naphtha, Diesel And Other Middle Distillates	19.0c	\$750.00	\$530.00
D) Aviation fuels, Carbon Black Feedstocks, and Lubricating Oils	19.0c	\$750.00	\$530.00
E) Petrochemicals and Inorganic Liquid Chemicals	25.0c	\$750.00	\$530.00
D) LP Gases, Chemical Gases, and Other Pressurized/Refrigerated Products	25.0c	\$750.00	\$530.00

• An additional charge of \$110.00 per man, per hour will be applied every hour after eight hours per barge.

1B) TANKERS, DEEP TANKS & OCEANGOING BARGES

A) Crude Oils	11.0c	\$1,800.00	\$1,000.00
B) Residual fuel Oils	17.0c	\$1,800.00	\$1,000.00
C) Gasoline, Naphtha, Diesel And Other Middle Distillates	19.0c	\$1,800.00	\$1,000.00
D) Aviation Fuels, Carbon Black Feedstocks, and Lubricating Oils	19.0c	\$1,800.00	\$1,000.00
E) Petrochemicals and Inorganic Liquid Chemicals	25.0c	\$1,800.00	\$1,000.00
D) LP Gases, Chemical Gases, and Other Pressurized/Refrigerated Products	25.0c	\$1,800.00	\$1,000.00

•An additional charge of \$130.00 per man, per hour will be applied for every hour after ten hours per vessel

•A lighterage fee of \$850.00 per barge, per 24 hour day will be applied for Vessel to Vessel Operations.

2) CLEANLINESS INSPECTIONS

Tank entry for visual inspection, only where safely accessible and open to atmosphere.

Shore Tanks	\$750.00	per visit and tank
Barges, Tankers, Deep Tanks	\$155.00	each tank
Barges, Tankers, Deep Tanks	\$750.00	minimum, per visit and vessel
Trucks & Rail Cars	\$750.00	minimum, per visit
Trucks & Rail Cars	\$155.00	each car
Internal Inspections	\$1,000.00	minimum, per visit
Each additional tank	\$750.00	per visit and tank

For closed systems, hazardous atmospheres, OBG compatibility and chemical residue testing, gas tank conditioning, wall wash sampling and quick tests, please discuss appropriate scope of service and prices with our specialists.

Also refer to our laboratory price schedule, sections **B, 1-12**.

3) SAMPLING

Pre or post-inspection and inventory sampling, multi-level, first foot and line sampling, beyond custody transfer requirements.

Ship or Barge Tanks	\$85.00	per quart
Ship or Barge Tanks	\$650.00	minimum, per visit and vessel
Shore Tanks, set of	\$375.00	first tank per visit
Upper/middle/lower	\$280.00	each additional tank per visit
Running	\$85.00	per additional quart
Tank Trucks & Rail Cars	\$375.00	first unit per visit
Tank Trucks & Rail Cars	\$85.00	each additional unit per visit

For blending, compositing, splitting of samples, please refer to our laboratory price schedule, section **B8**.

4) GAUGING

Pre or post-inspection and inventory gauging, beyond custody transfer requirements.

Ship or Barge Tanks	\$145.00	per tank
Ship or Barge Tanks	\$850.00	minimum per visit and vessel
Shore Tanks	\$375.00	first tank per visit
Shore Tanks	\$280.00	each additional tank per visit
Tank Trucks & Rail Cars	\$375.00	first unit per visit
Tank Trucks & Rail Cars	\$85.00	each additional unit per visit

5) PIPELINE AND TANK-TO TANK TRANSFERS MISCELLANEOUS MANPOWER & CONSULTING SERVICES

Tank to Tank Transfers (Intra Terminal)	\$750	(First 2 tanks)
Each additional Tank	\$270	
Manpower Services:		
Inspector	\$200.00	per hour
Measurement Engineer	\$250.00	per hour
Field Supervisor/Marine Surveyor	\$250.00	per hour
Management Time	\$400.00	per hour

Manpower prices are subject to a four hour minimum.

These prices are indicated as guidelines. Please contact Amspec Services LLC for your specific service needs and specifications.

6) INVENTORY CONTROL SERVICES

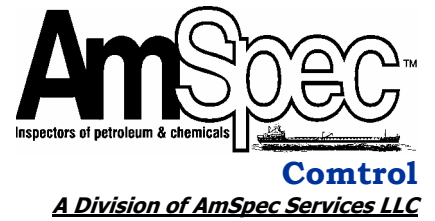
Amspec Services LLC can custom tailor an inventory monitoring program that fits the client's need for leased storage and spot through-put tankage at any terminal in the United States. Following is a summary of services recommended:

- Initial on-lease inventory or tank inspection to establish heel volumes/tank suitability.
- Physical sealing of tank inlet/outlet valves to help ensure product is not inadvertently moved in or out of tankage without the client's instructions.
- Quantity inspection of inbound and outbound movements on marine vessels.
- Periodic inventory of on-hand product. This can be done at any frequency – i.e.: daily/weekly/monthly.
- Full documented product reconciliation based on purchases, sales and internal cargo transfers.
- Off-lease inventory to establish quantity and financial responsibility of tank heels.

In addition to the above, we will act as the client's independent inspector at the job-site advising of potential problem situations, inventory discrepancies. etc.

Our documented inventory control records can be made accessible to the client on a 24 hour basis via computer E-Mail.

Please contact any Amspec Service office for assistance or further information.



7) BLENDING EVALUATION AND TESTING

Our expert laboratory staff are available to advise in blending operations. Volumetric or weight composites can be prepared from components and tested in our laboratories. However, due to the inherent difficulty in achieving a homogeneous stable blend in tanks and samples, AmSpec Services LLC cannot accept any responsibility or liability for same. **(See TERMS, CONDITIONS and LIMITATIONS)** For volumetric or weight blending, compositing and/or splitting samples, a fee of \$30.00 per component or \$200.00 minimum will apply per invoiced job.



B) LABORATORY SERVICES

Price Information

Effective January 1st, 2005

**REFORMULATED AND CONVENTIONAL GASOLINE INSPECTION AND
LABORATORY SERVICES**

At Linden, New Jersey and Houston, Texas, Amspec Services LLC have established a state of the art RFG Technical Center having professional sampling and complete regulatory laboratory testing capabilities.

Amspec Services LLC has made a significant commitment to our customers' needs and requirements by investing in the infrastructure, instrumentation and technology required for performing EPA compliance testing and reporting.

Amspec Services LLC EPA Registration Numbers are as follows:

Linden, New Jersey:
Houston, Texas:

Certification Number 1005
Certification Number 1284



For further information, please contact:
Jim Ford, Senior Vice -President
Telephone :(800) 286-2208 or (908) 862 7272
Fax:(800) 997-2208 or (908) 862 7297
Or your local Amspec Services' office;

Houston TX. Phone #: 713 330 1000 24 hr contact number
New Orleans LA Phone #: 504-467-4900 24 hr contact number
Lake Charles LA Phone #: 337-625-1570 24 hr contact number
Port Lavaca TX Phone #: 361-987-4150 24 hr contact number
Port Arthur TX Phone #: 409-722-6464 24 hr contact number
Wilmington NC Phone #: 910-452-4020 24 hr contact number

B) LABORATORY SERVICES

1) PETROFUELS & DIESEL

METHOD	TESTS	PRICE PER TEST
D-2274	ACCELERATED OXIDATION STABILITY	275
D-974/3242	ACIDITY / ALKALINITY (COLORIMETRIC)	105
D-664/2896/4739	ACIDITY / ALKALINITY (POTENTIOMETRIC)	105
IP-377/D-5184	ALUMINUM (FUSED ASH)	164
D-611*	ANILINE POINT / MIXED*	135
VISUAL	APPEARANCE	46
D-5186	AROMATICS IN DIESEL BY SFC	363
D-1319	AROMATICS / OLEFINS BY FIA	196
D-287 / 1298	API GRAVITY / At Elevated Temp*	35/55
VISUAL/D-4176	APPEARANCE	46
D-482	ASH CONTENT	132
D-874	ASH, SULFATED	174
IP-143/D-3279	ASPHALTENES (N-HEPTANE INSOLUBLES)	300
MICRO-CULTURE	BACTERIAL CONTAMINATION IN FUEL OILS	319
D-1159	BROMINE NUMBER	185
D-240	CALORIFIC VALUE, BTU GROSS / NET(+SULPHUR)*	185
D-3238	CARBON	222
D-5291/CHN	CARBON, HYDROGEN, NITROGEN / + OXYGEN*	545
D-189	CARBON RESIDUE, CONRADSON 10% BOTTOM*	195
D-4530	CARBON RESIDUE, MCRT 10% BOTTOM	225
D-976/4737	CETANE INDEX, CALCULATED (PLUS API & DISTILLATION)	36
D-613	CETANE NUMBER, IGNITION QUALITY	475
D-2007	CHARACTERISTIC GROUPS, BY CLAY-GEL ABSORPTION	295
D-808	CHLORIDE, BOMB METHOD	250
UOP 779/ D-4929	CHLORIDE, ORGANIC MICROCOULOMETRIC	325
UOP 588/D-4929	CHLORIDE, TOTAL ORGANIC	325
D-2500	CLOUD POINT	124
IP-309	COLD FILTER PLUGGING POINT	246
D-1500	COLOR, ASTM	96
UOP 359	COLOR STABILITY	150
D-2781/4740	COMPATIBILITY / STABILITY (A OR B METHOD)	150
MOBIL 1292	COMPATABILITY	198
D-130	CORROSION, COPPER STRIP	90
D-70	DENSITY, BY PYCNOMETER	165
D-4052	DENSITY, BY DIGITAL DENSITOMETER	35
GC/MS	DICYCLOPENTADIENE (DCPD) AND STYRENE IN FUEL OIL	461
D-877	DIELECTRIC STRENGTH	224
D-86	DISTILLATION, ATMOSPHERIC	136
D-2887/5307	DISTILLATION, SIMULATED BY GAS CHROMATOGRAPHY	580

1) PETROFUELS & DIESEL (CONTD.)

METHOD	TESTS	PRICE PER TEST
D-1160	DISTILLATION, VACUUM	580
IRS	DYE CONTENT OF DIESEL FUEL, UV METHOD	127
PETROSPEC	DYE CONTENT OF DIESEL FUEL, PORTABLE IR	127
D-92	FLASH POINT, CLEVELAND OPEN CUP	108
D-93	FLASH POINT, PENSKY MARTENS	108
D-892	FOAMING CHARACTERISTICS	198
D-287/1298	GRAVITY, API BY HYDROMETER	35
D-70	GRAVITY, SPECIFIC BY PYCNOMETER	165
COLONIAL PL/D-4176	HAZE RATING IN DIESEL OILS	46
DRAGER/EXXON/ASTM	HYDROGEN SULFIDE (VAPOR SPACE)	264
UOP 5	INHIBITOR IN GAS OIL	363
D-893/4055	INSOLUBLES (PENTANE / TOLUENE)	165
UOP 375	"K" FACTOR, CALCULATED	165
D 6079	LUBRICITY (HFRR)	390
AAS/ICP	METALLIC ELEMENTS (PER ELEMENT)	136
TM0172-01	NACE CORROSION TEST	295
EXXON 120.07	NAPHTHA INSOLUBLES MODIFIED	165
IP 288/AAS	NICKEL	136
UOP 313/UOP 269	NITROGEN, BASIC	297
D-5762	NITROGEN, TOTAL BY CHEMILUMINESCENCE	297
D-3228	NITROGEN, TOTAL BY KJEDAHN METHOD	297
DUPONT F21	OXIDATION / COLOR STABILITY	175
D-2274	OXIDATION STABILITY, ACCELERATED	275
D-5304	OXYGEN OVERPRESSURE (STABILITY)	275
D-893	PENTANE OR TOLUENE INSOLUBLES	132
D-6160	POLYCHLORINATED BIPHENYLS (PCBS) IN FUEL OILS	330
D-97 MODIFIED	POUR POINT, AMSTERDAM METHOD	195
D-97	POUR POINT	124
D-1218	REFRACTIVE INDEX	174
D-665	RUST PREVENTING CHARACTERISTICS	275
UOP 22/D-3230	SALT CONTENT	141
D-94	SAPONIFICATION NUMBER	126
D-1796/2709	SEDIMENT & WATER (CENTRIFUGE)	113
D-473	SEDIMENT BY EXTRACTION	150
IP-375/SMS 2696	SEDIMENT BY HOT FILTRATION Existing / Potential*	235/385
IP 377/D-5184	SILICON (FUSED ASH)	179
AAS/D-3605	SODIUM	136
D-5453	SULFUR, TOTAL BY UV FLUORESCENCE	165
D-1552	SULFUR, TOTAL, INDUCTION FURNANCE	126
D-4294/2622	SULFUR, TOTAL, X-RAY FLUORESCENCE	126

1) PETROFUELS & DIESEL (CONTD.)

METHOD	TESTS	PRICE PER TEST
AAS/ICP	TRACE METALS (THOSE NOT ITEMIZED/PER ELEMENT)	136
D-664/974	TOTAL ACID / BASE NUMBER	152
D-5291	ULTIMATE ANALYSIS (C,H,N,O,S,CL,ASH)	525
D-3605/AAS	VANADIUM	136
D-445	VISCOSITY, KINEMATIC @ 100F,122F,OR 210F	128
D-445	VISCOSITY, KINEMATIC @ TEMP. OTHER THAN LISTED	162
D-2270/475	VISCOSITY INDEX (INCLUDING TEST CHARGES)	294
D-4377	WATER CONTENT, KARL FISCHER METHOD	170
E-203	WATER CONTENT, KARL FISCHER METHOD	170
D-95/4006	WATER BY DISTILLATION IN FUEL OILS	132
D-2709/1796	WATER & SEDIMENT (CENTRIFUGE)	132
XRF	X-RAY FLUORESCENCE, SEMI-QUANTITATIVE	461
N.I.P.E.R.	XYLENE OR TOLUENE EQUIVALENCY	198

2) CRUDE OILS

METHOD	TESTS	PRICE PER TEST
D-287 / 1298	API GRAVITY / At Elevated Temp*	35/55
D-189	CARBON RESIDUE, CONRADSON / 10% BOTTOM*	228
D-4530	CARBON RESIDUE, MCRT / 10% BOTTOM	237
D-808/1317	CHLORIDE, BOMB METHOD	250
UOP 22/UOP 588	CHLORIDE, INORGANIC	250
UOP 779/d 4929	CHLORIDE, ORGANIC MICROCOULOMETRIC	325
D-130	CORROSION, COPPER STRIP	90
		BY
D-2892	CRUDE OIL ASSAY	QUOTE
D-86	DISTILLATION, ATMOSPHERIC	162
D-2887/5307	DISTILLATION, SIMULATED BY GAS CHROMATOGRAPHY	580
D-1160	DISTILLATION, VACUUM	580
		BY
D-2892	DISTILLATION, True Boiling Point (T.B.P.)	QUOTE
D-70	DENSITY, BY PYCNOMETER	165
D-4052	DENSITY, BY DIGITAL DENSITOMETER	35
D-93	FLASH POINT, PENSKY MARTENS	108
D-287/1298	GRAVITY, API BY HYDROMETER* ELEVATED TEMP	35/55
DRAGER/EXXON/ASTM	HYDROGEN SULFIDE (VAPOR SPACE)	264
D-3227/UOP 163	MERCAPTAN SULFUR	186
AAS/ICAP	METALLIC ELEMENTS (PER ELEMENT)	136
UOP 313/UOP 269	NITROGEN, BASIC	297
D-5762	NITROGEN, TOTAL BY CHEMILUMINESCENCE	297
D-3228	NITROGEN, TOTAL BY KJEDAHN METHOD	297
D-97	POUR POINT BELOW 10F	114
UOP 22/D-3230	SALT CONTENT	150
D-1796/2709	SEDIMENT & WATER (CENTRIFUGE)	132
D-473	SEDIMENT BY EXTRACTION	113
D-4294/2622	SULFUR, TOTAL, X-RAY FLUORESCENCE	126
D-323/5191	VAPOR PRESSURE, REID OR MICRO METHOD	126
D-445	VISCOSITY, KINEMATIC @ 100F,122F,OR 210F	128
D-445	VISCOSITY, KINEMATIC @ TEMP. OTHER THAN LISTED	162
D-1744	WATER CONTENT, KARL FISCHER METHOD	170
D-4377	WATER CONTENT BY COULOMETRIC KF	170
D-95/4006	WATER BY DISTILLATION	132
D-2709/1796	WATER & SEDIMENT (CENTRIFUGE)	132
API COMA 17-3	WATER SOURCE IDENTIFICATION	509

3) REFORMULATED AND CONVENTIONAL GASOLINE & NAPHTHA

METHOD	TESTS	PRICE PER TEST
D-664/974/3242/4739	ACIDITY / ALKALINITY	105
D-1093	ACIDITY of DISTILLATION RESIDUE	105
D-4815	ALCOHOLS, IN GASOLINES	416
D-287 / 1298	API GRAVITY	35
VISUAL/D-4176	APPEARANCE AND COLOR	46
D 5769	AROMATICS BY G.C./MS	495
D-1319	AROMATICS / OLEFINS by FIA	196
GRAPHITE FURNACE	ARSENIC, TRACE (PPB)	165
G.C./D-3606/D-5580	BENZENE CONTENT IN GASOLINE	416
G.C.	BENEZENOID CONTENT IN NAPHTHA	416
D-1159/2710	BROMINE NUMBER	185
D-1159/1491/2710	BROMINE NUMBER/BROMINE INDEX	185
UOP 588/	CHLORIDE, TOTAL	250
UOP 779/D 4929	CHLORIDE, ORGANIC (MICROCOULOMETRIC)	325
D-2392	COLOR (AVGAS)	84
D-156	COLOR, SAYBOLT	84
D-130	CORROSION, COPPER STRIP	90
IP 227/ D-130	CORROSION, SILVER STRIP	210
TM-0172-01	CORROSION TEST, NACE	295
GC MS	DICYCLOPENTADIENE	495
UOP 326	DIENE VALUE	192
D-86	DISTILLATION, ATMOSPHERIC	136
IP 30/D-235/4952	DOCTOR TEST	86
D-4814	DRIVEABILITY INDEX (CALC.)	34
D-287/1298	GRAVITY, SPECIFIC / API	35
ACS	HEAVY METALS (AS LEAD)	136
D-381	GUM, EXISTENT	210
D-873	GUM, POTENTIAL	350
D-3237/3341	LEAD CONTENT IN GASOLINES	136
MOBIL	LEAD REACTIVITY	158
D-2699/2700	LEAD SUSCEPTABILITY (PLUS KNOCK TESTS)	235 Each
D-3116/IP224	LEAD CONTENT TRACE IN NAPHTHAS (PPB)	186
D-3831 AAS	MAGANESE CONTENT	136
D-3227/UOP 163	MERCAPTAN SULFUR	186
G.C./MS	MTBE, TRACE (PPM)	495
D-3431/4629	NITROGEN, TRACE BY CHEMILUMINESCENCE	297
D-2700	OCTANE NUMBER (KNOCK), MOTOR	265
D-2699	OCTANE NUMBER (KNOCK), RESEARCH	265
D-1319	OLEFINS BY FIA	196
D-525	OXIDATION STABILITY (INDUCTION PERIOD)	275
D-5599	OXYGENATES BY GC OFID	416

3) REFORMULATED AND CONVENTIONAL GASOLINE & NAPHTHA(CONTD.)

METHOD	TESTS	PRICE PER TEST
D-5134	PARAFINS, OLEFINS, NAPHTHENES AND AROMATICS,(PONA)	635
D-3231	PHOSPHORUS	231
UOP 660	SULFOLANE	461
D-3120/D-3961	SULFUR, TOTAL BY MICROCOULOMETRY	250
D-4045	SULFUR BY RATEOMETRIC COLORIMETRY	250
D-4294/2622	SULFUR, TOTAL BY X-RAY FLUORESCENCE	137
D-5188	VAPOR/LIQUID RATIO	86
Calc.	VAPOR LOCK INDEX (V/L RATIO)	40
D-5191	VAPOR PRESSURE MICRO METHOD	145
D-4953/323	VAPOR PRESSURE, REID	145
D-1744	WATER, BY KARL FISCHER	170
D-1064	WATER BY KARL FISHER, COULOMETER	170
E-203	WATER BY KF ELECTROMETRIC	170
D-6422	WATER TOLERANCE	150

4) AVIATION FUELS, KEROSENE & AVGAS

METHOD	TESTS	PRICE PER TEST
D-974/3242/IP 182	ACIDITY, COLOR TITRATION IN AVIATION FUELS	105
D-611	ANILINE POINT	135
D-287 / 1298	API GRAVITY	35
VISUAL/D-4176	APPEARANCE AND COLOR	46
D-1319	AROMATICS, OLEFINS, & SATURATES (FIA)	196
D-1159/1491	BROMINE NUMBER / BROMINE INDEX	185
D-187	BURNING QUALITY	225 + ot
D-240	CALORIC VALUE (BTU), GROSS/NET	235
D-156	COLOR, SAYBOLT	84
D-2624/4308	CONDUCTIVITY, ELECTRICAL	114
D-130	CORROSION, COPPER STRIP	90
IP 227/ D-130	CORROSION, SILVER STRIP	210
D-86	DISTILLATION, ATMOSPHERIC	136
D-70	DENSITY, BY PYCNOMETER	165
FTMS 1151	EXPLOSIVENESS	198
D-56	FLASH POINT, TAG CLOSED CUP	108
D-1319	FLUORESCENCE INDICATOR ABSORPTION (FIA)	196
D-4176	FREE WATER AND PARTICULATE CONTAMINATION	46
D-2386	FREEZING POINT	156
D-287/1298	GRAVITY, SPECIFIC / API	35
D-381/873	GUM , EXISTENT	240
D-240	HEAT OF COMBUSTION (BTU)	235
D-1405/3338/4529	HEAT OF COMBUSTION,NET (CALCULATED)(+TEST CHARGES)	45
D-3343	HYDROGEN CONTENT, CALCULATED	60
D-3227/IP 104	MERCAPTAN SULFUR	186
D-3948	MICRO SEPAROMETER RATING (MSEP/WSIM)	325
D-5452/2276	MILLIPORE RATING (MEMBRANE COLOR)	245
TM0172-01	NACE CORROSION TEST	295
D-1840	NAPHTHALENES BY U.V.	165
D-974/3242	NEUTRALIZATION NUMBER	92
D-875	OLEFINS BY BROMINE NUMBER (CALCULATED)INCL. DIST.	185
D-1319	OLEFINS BY FIA	196
D-3703	PEROXIDE NUMBER	139
D-1322	SMOKE POINT	156
D-3120	SULFUR, TOTAL BY MICROCOULOMETRY_	250
D-3241	THERMAL OXIDATION STABILITY (JFTOT)	377
D-323/5191	VAPOR PRESSURE, REID OR MICRO METHOD	145
D-445	VISCOSITY, KINEMATIC @ 100F	128
D-445	VISCOSITY @ -4F (-20C)	162
D-86	VOLATILITY INDEX (PLUS TEST CHARGES)	45
D-1094	WATER REACTION	98
D-2550/3948	WATER SEPARATION INDEX, MODIFIED-(MSEP/WSIM)	325

5) ASPHALT / BITUMINOUS MATERIAL

METHOD	TESTS	PRICE PER TEST
-----	BMCI (BUREAU OF MINES CORRELATION INDEX) (+API&VISC)	187
D-1370	CONTACT COMPATIBILITY (OLIENSIS TEST)	375
D-402/T-78	DISTILLATION	375
D113/T-51	DUCTITLITY @ 77F	375
D113/T-51	DUCTILITY @ 60F	525
D-92/T-48	FLASH POINT, CLEVELAND OPEN CUP	187
D-70/T-228	GRAVITY, SPECIFIC BY PYCNOMETER @ 77F/75F	165
D-3142	GRAVITY, API BY HYDROMETER @ 60F	187
D-4072	INSOLUBILITY, IN TOLUENE	262
D-5/T-49	PENETRATION @ 77F/60F	262
D-2318	QUINOLINE INSOLUBLES	262
D-5/T-49	RETAINED PENETRATION @ 77F	337
D36/T-53	SOFTENING POINT, RING & BALL	375
D-2042/T-44	SOLUBILITY, IN TRICHLOROETHYLENE	375
AASHTO T-102	SPOT TEST (OLIENSIS TEST)	525
D-6/1754/T-179	THIN FILM OVEN TEST, LOSS ON HEAT & AIR	525
D-2171/T-202	VISCOSITY, ABSOLUTE (POISE) @ 140F	187
D-2170/T-101	VISCOSITY, KINEMATIC @ 275F	187
D-95	WATER CONTENT BY DISTILLATION	138

6) PETROCHEMICALS

METHOD	TESTS	PRICE PER TEST
D-2008	ABSORBANCE BY ULTRAVIOLET	185
D-2119	ACETALDEHYDE CONTENT	105
SMA 19	ACETIC ANHYDRIDE CONTENT	105
D-1612/IMPCA 001-02	ACETONE CONTENT OF METHANOL	105
D-2106/2942	ACID ACCEPTANCE	132
D-664/847/1613/2989	ACID NUMBER	126
D-848	ACID WASH COLOR	105
D-2119	ALDEHYDE CONTENT IN STYRENE MONOMER	132
D-1613/2989	ALKALINITY	105
D-611	ANILINE POINT	135
GC	ANTIOXIDANT (NONENE)	395
IMPCA/D-2108	APPEARANCE	46
D-1492/2710	BROMINE INDEX	185
D-1159/E-234	BROMINE NUMBER	185
D-2424	CARBON DISTRIBUTION OF PROPYLENE POLYMERS	461
D-2324	CARBON DISULFIDE	66
E-346	CARBONILIC COMPOUNDS	105
EPA 415.1	CARBON, TOTAL ORGANIC	132
D-565/E-346	CARBONIZABLE SUBSTANCES	126
D-4423/E-411	CARBONYL CONTENT IN C4 HYDROCARBONS	231
DOW	CHLORATES	105
SMA 68-22	CHLORIDE, INORGANIC	105
UOP 779/D-4929	CHLORIDE, MICROCOULOMETRIC	325
-----	CHLORINE, FREE	105
E-450	COLOR, HUNTER LAB	105
D-1209/156	COLOR, PT-CO, APHA, HAZEN/SAYBOLT	126
A.A.S./D-1688 MOD.	COPPER	126
D-1298/891	DENSITY BY HYDROMETER	35
D-70	DENSITY BY HYDROMETER/BY PYCNOMETER	165
D-849/130	CORROSION, COPPER	90
D-4052	DENSITY, BY DIGITAL DENSITOMETER	35
D-1720	DILUTION RATIO IN CELLULOSE NITRATE SOLUTIONS	86
D-850/1078/1120	DISTILLATION	136
E-346	DMA CONTENT BY GC	350
D-235/4952/IP-30	DOCTOR TEST	86
IMPCA 001	ETHANOL CONTENT	289
D-1617	ESTER VALUE	126
D-56	FLASH POINT, TCC	105
D-56	FLASH POINT, TCC / BELOW 65F	126
UOP 619	FLUORINE, IN GASES	358

6) PETROCHEMICALS (CONTD.)

METHOD	TESTS	PRICE PER TEST
D-847/E-346	FREE ACID	105
D-1015/1177	FREEZING POINT (CRYSTALLIZATION)	152
D-1298/2111	GRAVITY, SPECIFIC	35
US FDA	HEXANE OR XYLENE INSOLUBLES IN POLYOLEFINS	495
UOP 779/D-4929	HALOGENS, TOTAL(Microcoulometric potential)	211
SMA 42/D1722	HYDROCARBONS	66
- - -	HYDROGEN CYANIDE	119
D-853	HYDROGEN SULFIDE & SULFUR DIOXIDE(+DIST. D-850)	96
D-1957/4274	HYDROXYL VALUE	158
I.R./FTIR	INFARED SCAN, QUALITATIVE	218
		BY
D-2120/2193	INHIBITOR CONTENT IN VARIOUS PRODUCTS	QUOTE
D-4590	INHIBITOR IN STYRENE	132
US FDA	INSOLUBLES IN HEXANE/XYLENE	416
D-1959	IODINE VALUE	165
E-291/202/359	IRON CONTENT IN CAUSTIC SODAS	121
SMA 5	IRON CONTENT	121
E-394	IRON, SOLUBLE	121
D-1133	KAURI BUTANOL VALUE	158
UOP 212/163	MERCAPTAN SULFUR	186
PILOT	MOLECULAR WEIGHT OF DODECYL BENZENE	132
GC/MS	MTBE, TRACE (PPM)	540
D-4629	NITROGEN, CHEMILUMINESCENCE	225
D-3228	NITROGEN, KJELDAHL METHOD	231
D-2360	NON-AROMATICS BY GAS CHROMATOGRAPHY	395
D-1353/2109	NON-VOLATILE MATTER (RESIDUE ON EVAPORATION)	132
D-1296	ODOR, RESIDUAL	105
D-1363	PERMANGANATE TIME / NUMBER	156
E-346	PERMANGANATE / TITRATION NUMBER	156
E299/E440/E298	PEROXIDE (ACTIVE OXYGEN)	158
D-2340/3703	PEROXIDES IN STYRENE	179
E-70/D-1287	PH, AQUEOUS SOLUTION	86
D-2110	PH, WATER EXTRACTION	86
SMA 595 UOP 262	PHENOL	132
UOP464/D-3160	PHENOL, PHENOLICS	99
D-2121	POLYMER CONTENT OF STYRENE MONOMER	126
HYDROMETER	PROOF, ALCOHOL	126
D-1016	PURITY BY FREEZING POINT	165
G.C.	PURITY BY GAS CHROMATOGRAPHY	497
D-1218	REFRACTIVE INDEX	150
D-2109	RESIDUE ON IGNITION	150
D-94	SAPONIFICATION NUMBER	150

6) PETROCHEMICALS (CONTD.)

METHOD	TESTS	PRICE PER TEST
D-852	SOLIDIFICATION POINT, BENZENE	150
TITRATION	STRENGTH (PURITY)	150
D-5135	STYRENE IMPURITIES	389
E-291	SULFATES	150
D-3120/2961/4045/3961	SULFUR, TOTAL (PPM LEVEL)	195
EASTMAN	SULFURIC ACID TEST COLOR	150
VISUAL	SUSPENDED MATTER	54
D-2120	TBC IN STYRENE	126
D-1685	THIOPHENE IN BENZENE	152
ICP/AAS	TRACE METALS (EACH ELEMENT)	136
GRAPHITE FURNACE	TRACE METALS (EACH ELEMENT)	218
USP	ULTRA VIOLET ABSORPTION	244
D-445	VISCOSITY, KINEMATIC	128
D-1744/1364/3401	WATER CONTENT, KARL FISCHER METHOD	170
D-1722	WATER MISCIBILITY OF WATER-SOLUBLE SOLVENTS	174
US FDA	XYLENE OR HEXANE INSOLUBLES IN POLYOLEFINS	461

7) LIQUEFIED PETROLEUM GASES (LPG / LNG)

METHOD	TESTS	
UOP 430	AMMONIA	491
UOP 212	CARBONYL SULFUR	315
G.C./D-2163	COMPONENT ANALYSES BY GAS CHROMATOGRAPHY	595
D-1838	COPPER CORROSION	189
VISUAL	DRYNESS	63
D-2713	DRYNESS (FREEZE VALUE)	217
G.C.	FEEDSTOCKS, HIGH PURITY	631
UOP 619	FLUORINE, WICKBOLD TEST	325
D-2420	HYDROGEN SULFIDE	175
UOP 569	METHANOL	189
D 2597/GPA 2260	NATURAL GAS	595
GPA 2160/	PROPANE/BUTANE	595
D-1657	SPECIFIC GRAVITY/RELATIVE DENSITY	175
UOP 791/ D-5623	SULFUR SPECIATION BY SCD	400
D 3961/UOP 779	TOTAL SULFUR	245
D-1267	VAPOR PRESSURE, REID	175
D-1837	VOLATILITY	211
D-2158	RESIDUAL MATTER, WEATHERING	211
- - -	DRAGER TUBE ANALYSIS (EACH COMPONENT)	105

8) SAMPLE PICK-UP AND DELIVERY

For sample pick-up and delivery, please inquire with the local offices for scheduled service (see complete office listing, section F). When scheduled service is unavailable, special delivery arrangements will be based upon published manpower rates and mileage. Minimum charge: \$350.00 per trip.

9) SAMPLE PACKAGING AND SHIPPING

Amspec Services have the facilities and experience to ship most samples anywhere in the world at the client's request. The following fees will apply for service to complete the required documentation preparation (manifests, bills of lading, etc.):

	Non-Restricted Articles	Restricted Articles
One gallon or Less:	\$200.00 per Container	\$350.00 per Container
Larger than One Gallon:	\$300.00 per Container	\$400.00 per Container
Minimum Fee per Shipment:	\$500.00	\$750.00

The client will also be billed for necessary packaging materials, labor, freight and insurance, customs clearance and other forwarding related charges at cost plus 25%.

10) NON-AMSPEC LABORATORY ATTENDANCE

When requested by the client, Amspec Services LLC personnel will attend and observe testing performed in a non-Amspec laboratory. In such cases, Amspec Services' LLC responsibility will be limited to the following:

- An opinion that the tests were performed on the correct sample.
- A report to the client covering those quality assurance protocols that was available.
- Reagents and standards are accepted as utilized.
- The Laboratory's technicians are assumed qualified.
- Amspec Services LLC makes no other warranty and the Company's attendance does not imply acceptance of results even when reported on official Amspec documentation.

10) NON-AMSPEC LABORATORY ATTENDANCE (continued)

- Test results are reported for information and guidance only to the client for their potential evaluation and decision to accept or reject them for custody transfer, “referee”, arbitration or similar purposes.
- Amspec is free of any liability for tests carried out by the performing laboratory, which is solely responsible for the results.
- When Amspec is to witness analyses, the Company assumes that all appropriate apparatus has been correctly calibrated that that any reagents are current and meet industry protocols.
- When Amspec is contracted to provide Non-Amspec Laboratory Attendance, the following rates will apply, exclusive of travel and sojourn expense:
 - Technical Staff \$350.00 per hour
 - Management Consultation \$500.00 per hour
 - Minimum 4 hours

11) ON-SITE FIELD TESTING AND MONITORING

Our technical professionals are available to perform on-site sampling and field testing to the client's specifications. These services may be either dedicated to a specific project and /or in conjunction with Trade Inspection or other field services. Some examples are:

Oxygenates / Benzene in Reformulated Gasoline by NIR
Oxygen measurement / Atmosphere of tank
Water content by Karl Fischer method
Tindall Testing
Wall Wash Testing, Petrochemicals
H2S Monitoring of tank atmosphere
RVP Gasoline or Naphtha's
Water and Sediment in crude oils

On-site sampling and testing services will be customized to each client's individual requirements and prices will be quoted for each specific job. As a general guideline, fees will be quoted on the following terms:

Manpower Rate (Technician or Chemist) \$350.00 to \$500.00 per hour.
Plus Individual testing charges

When testing services are provided in conjunction with field inspection services, inspection rates and fees will be invoiced in accordance with our Field Inspection Services price schedule.

C) NOTES & PROVISIONS TO PRICE LIST

- 1) Additional fees will be charged as follows for work performed on the following recognized public Holidays:

**NEW YEAR'S DAY
GOOD FRIDAY
MEMORIAL DAY
LABOR DAY
CHRISTMAS DAY**

**PRESIDENTS DAY
EASTER SUNDAY
INDEPENDENCE DAY
THANKSGIVING DAY**

For inspection services \$350.00 per person; for analytical services \$400.00 per analyst in addition to normal analytical and overtime charges.

- 2) At our client's request laboratory work will be performed outside of normal business hours (Monday to Friday, 8:00 am through 5:00 pm). An additional charge of \$ 85.00 per hour analyst will be charged in these cases with a \$350.00 minimum per occasion.
- 3) Travel and subsistence expenses will be billed extra. Automobile mileage is 55 cents per mile with a minimum of \$50.00 (New York Metropolitan Area - \$65.00 minimum). Travel time will be billed in accordance with hourly rates for the appropriate manpower as per **section A5**.
- 4) When fees are split with other parties, each share will be invoiced on the basis of the price agreement in effect with each party at the time that the service was rendered. AmSpec Services will split fees for services rendered to a maximum of four parties.

C) NOTES & PROVISIONS TO PRICE (continued)

- 5) Additional job site visits for cleanliness inspection, sampling, gauging before the start and after completion of custody transfer, will be invoiced as per **Section A2, A3, or A4.**
- 6) Full attendance, stand-by and waiting time will be billed as per **Section A5.**
- 7) Loss investigation, data analysis, claim preparation and research, litigation and arbitration participation, testimony, deposition, and witnessing will be charged at respective manpower rates as per Section A5, or A11 plus travel and subsistence expenses.
- 8) We observe Federal, State and local laws with respect to worker safety and exposure. If, during the course of our activities, we are required to utilize special equipment and supplies in order to comply with these laws, the client's instructions, or to meet our own safety requirements, charges in addition to those outlined in **Sections A1 to A5** apply. Self-contained Breathing Apparatus (SCBA) \$350.00, Cartridge type Respirator \$150.00, full protective suit and boots \$350.00, per visit and unit, each.
 - a) \$700.00 surcharge will be applied to the following products:
 - b) Benzene
 - c) Phenol
 - d) Vinyl Chloride
 - e) Acrylonitrile
 - f) Products containing more than 300 PPM (IDLH) of Hydrogen Sulfide-H₂S

On-site tests or monitoring of atmosphere for flammability, oxygen, or toxicity: \$350.00 per confined space, substance and/or inspection in addition to fees per Section A1 to A5.

For our full range on-site testing and monitoring services refer to our separate laboratory price schedule.

- 9) For tank entry and extra sampling beyond custody transfer requirements, see **Sections A2 and A3.**

C) NOTES & PROVISIONS TO PRICE (continued)

- 10) Samples of liquids, at ambient temperature, are retained for 30 days at no charge. Clients requiring samples to be retained for longer periods will be charged \$15.00 per container, per 30 day period. A minimum of \$60.00 per invoiced job will apply. All samples are retained and disposed in accordance with applicable local, State and Federal regulations. Certain chemicals and materials may require specialized disposal, which will be billed additionally, please contact your Amspec Services representative for details.
- 11) Unless otherwise agreed, samples requiring cooling and pressurized sample cylinders will not be retained. For cylinder retention, a rental fee of \$40.00 per day, per unit will be charged. Refrigerated storage, when required, will be invoiced at \$40.00 per day, per sample.
- 12) We calculate and check on Stop Gauge measurements when required by our clients; however, vessel and terminal employees are solely responsible for observation of stop gauges, valve settings, and pumping into, and out of, designated tanks.
- 13) Unless otherwise agreed, our inspectors will attend at start-up and completion of transfers. Every effort will be made to contribute to reduce qualitative risks and quantitative losses to the cargo. However, Amspec Services will accept no responsibility for personal opinions unless these services are expressly contracted by our client.
- 14) Job files will be kept for a maximum of one year unless otherwise agreed with client. On imported cargoes, files will be retained for five years as per US Custom's requirements.
- 15) Split invoicing and documentation beyond two parties will be charged at \$150.00 per additional invoice and report. This charge will be prorated to each client. Crediting and re-invoicing due to change in billing instructions will be charged at a rate of \$150.00.
- 16) Bunker survey for quantity in conjunction with Trade Inspection Service will be invoiced at \$850.00. A stand-alone bunker survey, depending upon requirements, will be invoiced as per **Section A1, A3 or A4**.
- 17) Fax reports transmission: \$15.00 per page, Electronic Mail, direct data base access and PC to PC Communication installation available upon request.

C) NOTES & PROVISIONS TO PRICE (continued)

- 18) Long distance telephone, sample packing, postal, freight, or courier services including an administrative cost of 25% will be invoiced additionally.
- 19) Offshore transportation charges may be invoiced at a later date upon receipt of transportation invoice, plus associated administration costs of 25%.
- 20) **Payment: Net Due upon Receipt of Invoice. Delayed payments may be subject to finance charge of 1.5% per month.**

D) TERMS , CONDITIONS AND LIMITATIONS

ACCEPTANCE OF ASSIGNMENTS:

AMSPEC SERVICES LLC, hereinafter referred to as "AMSPEC" accepts orders and nominations for services (as described herein) only under the following General Terms, Conditions and Limitations ("TERMS"). These TERMS shall not apply if AMSPEC and a Client shall have executed a separate agreement in writing that does not incorporate said TERMS. No modifications of the TERMS shall be valid unless in writing and signed by an authorized Officer or Director of both the Client and AMSPEC. In connection with these TERMS, CONDITIONS AND LIMITATIONS, "Services" shall mean all work performed for Client, including provisions for providing all equipment and material to be furnished by AMSPEC.

CLIENT:

It is understood that Clients are at all times responsible for the care, custody and control of the sampling site. Clients are responsible for the condition in and around said site and for advising AMSPEC of same and of all information required for enabling AMSPEC to perform its services safely always in a manner consistent with all governmental regulations and industry protocols.

LIMITATIONS:

AMSPEC conducts inspection, testing (quantity and quality control) services pursuant to agreements with and instructions from its clients ("Services"). In the course of performing such Services, AmSpec develops information ("Information") and generates documents such as reports and certificates ("Documents"). By accepting, using or relying upon such Information or Documents, the clients for whom the Services are performed, and any person who relies upon the Information or the Documents, agree to the following terms and conditions.

- 1) AMSPEC expressly advises that it is not an insurer or guarantor of the quantity or quality of any surveyed/inspected product or cargo and disclaims any liability. In providing inspection and analytical services, AMSPEC employees exercise reasonable care and best judgment under the prevailing conditions as they are observed and understood, utilizing accepted standards and normal operating procedures. Any information and or recommendation, whether expressed or implied by AMSPEC, are based solely upon assumptions which may be subject to error. Accordingly, AMSPEC does not accept any liability with respect to the use of or for any damages resulting from the use of any information, data, analytical results, apparatus, and methods. Any client seeking protection from loss or damage should obtain appropriate insurance coverage.
- 2) AMSPEC does not, by performing Services or by the Documents issued, assume abridge or undertake to discharge any duty or responsibility of the Client to any other entity or person.
- 3) AMSPEC undertakes to perform only the Services agreed upon between AMSPEC and the Client. Neither the title or ownership of a Document or the nature of a commodity or product implies that any particular procedure has been followed or analyses performed other than as specified in the Document(s)
- 4) AMSPEC Documents are submitted for our Client's use only. Our clients are considered those parties invoiced for services.

D) TERMS, CONDITIONS AND LIMITATIONS(continued)

- 5) AMSPEC Documents are issued solely for AMSPEC's Clients and may reflect only the information requested by said Client. There may be other relevant data and information not included on said Document(s). AMSPEC will not be liable or responsible to any third party for the contents of any Document(s) or omissions there from.
- 6) Any Client, accepting, using or relying upon Information or Documents supplied by AMSPEC does so in consideration for AMSPEC performing the services at a fee charged and that the professional liability, if any, of AMSPEC is limited to the amount of the fee paid for said services.
- 7) Should any provision of these TERMS, CONDITIONS and LIMITATIONS be held invalid, illegal or unenforceable, such action or actions shall not effect any other provision of these TERMS, CONDITIONS and LIMITATIONS.
- 8) Client may cancel any order or nomination for services subject to payment for all Services already rendered and for any out-of-pocket expenses incurred up to the date and time of cancellation and in accordance with the applicable current Price Schedule.
- 9) AMSPEC shall not be liable or responsible for any delay or failure to perform services due to causes beyond the Company's control.
- 10) Should an employee of AMSPEC be called to testify or witness at a trial, deposition, discovery, administrative procedure etc., or otherwise assist in any dispute between a Client and any third party or entity with respect to AMSPEC's Services, and whether or not the Company or its employees shall have been subpoenaed, said Client shall pay AMSPEC the current rate, fee and any other charge for such Services rendered.
- 11) These TERMS, CONDITIONS and LIMITATIONS shall be governed by the laws of the State in which the Services were performed.

E) LIST OF OFFICES AND ADDRESSES

- **Corporate Headquarters**

AmSpec Services LLC
360 East Elizabeth Avenue
Linden NJ 07036

Phone #: 908 862 7272 or 800 286 2208 24 hr contact numbers
Fax #: 908 862 7297 or 800 977 2208

Corporate

	Cell	Email
Ford, James	908-482-0258	jford@amspecllc.com

- **LINDEN, New Jersey Operations.**

Operations

	Cell	Email
O'Donnell, Stephen	908-220-3999	sodonnell@amspecllc.com

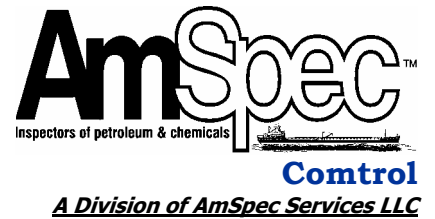
- **HOUSTON, TEXAS OPERATIONS**

AmSpec Services LLC
1818A Federal Road
Galena Park TX 77015

Phone #: 713 330 1000 24 hr contact number
Fax #: 713 330 4000

For all nominations and generalized communications we have set up the following email account houstonoperations@amspecllc.com. This is automatically copied to everyone in the operations group and constantly monitored.

<u>Houston, TX</u>		
	Cell	Email
Hernandez, Ruben	832-473-1618	rhernandez@amspecllc.com



- **NEW ORLEANS, LOUISIANA OPERATIONS**

AmSpec Services LLC
12154 B River Road
St. Rose, Louisiana 70087

504-467-4900 - 24 hour phone number
504-467-7545 - fax number
Phone #: **504-467-4900 24 hr contact number**
Fax #: 504-467-7545

For all nominations and generalized communications we have set up the following email account nola@amspecllc.com .

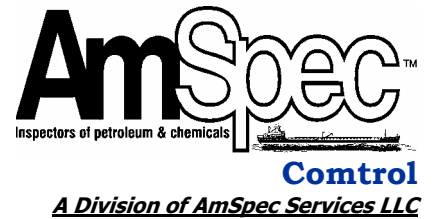
NEW ORLEANS	Cell	Email
Shaw, Daniel	504-382-9106	Dan.shaw@amspecllc.com

- **LAKE CHARLES, LOUISIANA OPERATIONS**

AmSpec Services LLC
2312 East Burton Street
Sulphur, Louisiana 70663

Phone #: **337-625-1570 24 hr contact number**
Fax #: 337-625-1578

For all nominations and generalized communications we have set up the following email account lakecharlesoperations@amspecllc.com .



• **PT LAVACA / CORPUS CHRISTI, TEXAS OPERATIONS**

Amspec Services LLC
FM 1593 South
Point Comfort, Texas 77978

Phone #: **361-987-4150 24 hr contact number**
Fax #: 361-987-4153

For all nominations and generalized communications we have set up the following email account portlavacaoperations@amspecllc.com .

• **PT ARTHUR / NEDERLAND, TEXAS OPERATIONS**

Amspec Services LLC
3656 Highway 69 North
Nederland, Texas 77627

Phone #: **409-722-6464 24 hr contact number**
Fax #: 409-722-7704

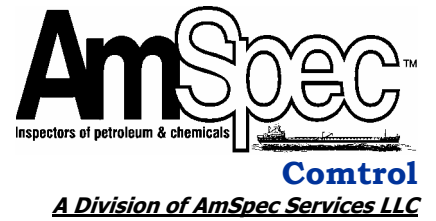
For all nominations and generalized communications we have set up the following email account portarthuroperations@amspecllc.com .

<u>PT ARTHUR</u>			
	Home	Cell	Email
Larry Wyntjes		713-203-6177	lwyntjes@amspecllc.com

WILLMINTON, NORTH CAROLINA

Control
A Division of Amspec Service LLC
2841 Carolina Beach Road, Suite 3B
Wilmington, North Carolina 28412

Phone #: 910-452-4020
Fax #: 910-452-4012



For all nominations and generalized communications we have set up the following email account wilmingtonoperations@amspecllc.com this is automatically copied to everyone in the operations group and constantly monitored.

North Carolina

	Beeper	Email
Bradley Finnicum	877-320-6824	finn7835@bellsouth.net
Gail Penny	910-313-5003	

Or Call Nationwide 24 hours a day:

800 286 2208 Phone

800 997 2208 Fax