

QASP INSPECTION SAMPLING MATRIX

Preventative Maintenance Sampling Matrix ECC/Martinsburg O&M Contract Solicitation #TIRNO09R00018 April 4, 2009			
<u>GUIDE NO</u>	<u>ITEMS</u>	<u>100% Inspection</u>	<u>Random Sampling</u>
A-01	AIR DRYER, REFRIGERANT/REGENERATIVE	X	
A-02	A/C UNITARY ROOF-TOP (HEAT-COOL)	X	
A-03	HUMIDIFICATION SYSTEMS	X	
A-04	AIR COMPRESSOR	X	
A-05	A/C MACHINE , SPLIT SYSTEM	X	
	COMFORT COOLING 10 TON AND UNDER		
	COMFORT COOLING OVER TEN TONS		
	SPECIAL PURPOSE TEN TONS AND UNDER		
	SPRCIAL PURPOSE OVER TEN TONS		
A-06	A/C MACHINE PACKAGE UNIT COMFORT COOLING	X	
	TEN TONS AND UNDER		
	OVER TEN TONS		
A-07	A/C MACHINE PACKAGE UNIT , SPECIAL PURPOSE	X	
	10 TONS AND UNDER		
	OVER 10 TONS		
A-08	A/C CONDITIONING WINDOW UNIT		X
A-09	AIR COOLED CONDENSER	X	
	20 TONS AND UNDER		
	OVER 20 TONS		
A-10	HEAT PUMPS	X	
	5 TONS AND UNDER		
	6 TO 10 TONS		
	OVER 10 TONS		
A-11	AIR HANDLER UNIT	X	
	UNDER 5000 CFM		
	5001-15,000 CFM		
	15,001-30,000 CFM		
	30,001 TO 50,000 CFM		
	50,001 TO 75,000 CFM		
	OVER 75,001 CFM		
A-12	GLYCOL DRY COOLER	X	
	COMFORT COOLING		
	20 TONS OR LESS		
	20 TONS - 40 TONS		
	SPECIAL PURPOSE		
	20 TONS OR LESS		
	20 TONS - 40 TONS		

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A-13	A/C UNITS CEILING,WALL MOUNTED	X	
	COMFORT COOLING		
	SPECIAL PURPOSE		
A-15	AFTER COOLER/ SEPERATOR	X	
B-01	BATTERY CHARGER	X	
B-02	BOILER (COAL, OIL, GAS)	X	
	120 MBTU'S OR LESS		
	120 TO 300 MBTU'S		
	300 TO 500 MBTU'S		
	500 TO 700 MBTU'S		
	700 TO 1,000 MBTU'S		
	OVER 1,000 MBTU'S		
B-03	BURNER, GAS	X	
B-04	BUNER, OIL	X	
B-05	BOILER, ELECTRIC	X	
B-06	BOILER, INSTRUMENTS/ CONTROLS	X	
B-07	BOILER, INTERNAL INSPECTION	X	
	120 MBTU'S OR LESS		
	121 TO 300 MBTU'S		
	301 TO 500 MBTU'S		
	501 TO 700 MBTU'S		
	701 TO 1,000 MBTU'S		
	EACH ADDITIONAL 1,000 MBTU'S ADD		
B-08	BOILER, EXTERNAL INSPECTION	X	
	120 MBTU'S OR LESS		
	121 TO 300 MBTU'S		
	301 TO 500 MBTU'S		
	501 TO 700 MBTU'S		
	701 TO 1,000 MBTU'S		
	EACH ADDITIONAL 1,000 MBTU'S ADD		
C-01	CLOCKS, CENTRAL SYSTEM		X
C-02	REMOTE AIR INTAKE DAMPERS		X
C-03	COILS, PREHEAT, REHEAT, REMOTE LOCATIONS		X
C-04	CENTRAL MINI-COMPUTER-HVAC	X	
C-05	AUTOMATIC MIXING BX-PNEUMATIC OR ELEC		X
C-06	CONTROLS,CENTRAL SYSTEM,HVAC PER DEVICE	X	
C-07	CONDENSATE OR VACUUM PUMP	X	
C-08	CENTRAL CONTROL PANEL PER DEVICE	X	
C-09	COOLING TOWER	X	
	UNDER 50 TONS		
	OVER 50 TO 500 TONS		
	OVER 501-1,000 TONS		
	EACH ADDITIONAL 500 TONS ADD 10.00 HRS		
	FOR EACH 500 TON INCREMENT		
C-10	COOLING TOWER , CLEANING	X	
	UNDER 50 TONS		
	OVER 50 TO 500 TONS		
	OVER 501-1,000 TONS		
	EACH ADDITIONAL 500 TONS ADD 10.00 HOURS		
	FOR EACH 500 TON INCREMENT		
C-11	EVAPORATIVE CONDENSER	X	
	50 TONS AND UNDER		

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	OVER 50 TONS		
C-14	CHAIN HOIST AND TROLLEY	X	
C-24	CONDENSING UNIT REF.	X	
	COMFORT COOLING		
	20 TONS AND UNDER		
	OVER 20 TONS		
	CRITICAL		
	20 TONS AND UNDER		
	OVER 20 TONS		
D-01	DOOR, POWER OPERATED		X
D-02	DUMBWAITER	X	
D-03	DRAINS, ROOF, GUTTER, DOWNSPOUT (PER 100 FT)		X
D-04	DOOR, HYDRAULIC, ELECTRIC, PNEUMATIC OPERATED		X
D-05	DOOR, MAIN ENTRANCE	X	
D-06	DRAINS, AREAWAY, DRIVEWAY, STORM		X
D-10	DOOR, HYDRAULIC, MANUAL OVERHEAD		X
E-01	ELEVATOR, ELECTRIC OR HYDRAULIC 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-02	ELEVATOR, ELECTRIC OR HYDRAULIC	X	
E-03	ELEVATOR, ELECTRIC OR HYDRAULIC	X	
E-04	ELEVATOR, ELECTRIC OR HYDRAULIC 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-05	ELEVATOR, ELECTRIC INSPECTION 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-06	ELEVATOR, ELECTRIC INSPECTION 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-07	ELEVATOR, ELECTRIC INSPECTION 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-08	ELEVATOR, HYDRAULIC INSPECTION 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-09	ELEVATOR, HYDRAULIC INSPECTION 4 FL OR LESS	X	
	FOR EACH ADDITIONAL FL ADD		
E-10	ESCALATOR AND MOVING WALKS INSPECTION	X	
E-15	ESCALATOR	X	
E-16	ESCALATOR	X	
E-17	EXPANSION JOINTS IN PIPING		X
E-18	EMERGENCY LIGHTS (WET CELL)		X
E-19	EMERGENCY, LIGHTS CLOSED SYSTEM		X
E-20	INDUCTION DISC OVERCURRENT RELAY	X	
E-21	OVER/UNDER VOLTAGE RELAY	X	
E-22	THERMAL OVERCURRENT RELAY	X	
E-23	INDUCTION DISC DIRECTIONAL OVERCURRENT RELAY	X	
E-24	POWER FACTOR /REVERSE CURRENT OR WATT TYPE RELAY	X	
E-25	GROUND FAULT OR TRANSFORMER DIFF RELAY	X	
E-25A	BOLTED PRESSURE CONTACT SWITCH LOW VOLTAGE	X	
	GROUND FAULT OPERATED		
	STAND ALONE		
E-26	L/V MOLDED CASE CIRCUIT BREAKER		X
E-27	L/V POWER CIRCUIT BREAKER (OVER 50 AMPS)	X	
E-28	MOTOR STARTER 100 HP & UP	X	
E-29	HIGH VOLTAGE OIL CIRCUIT BREAKER	X	
E-30	SWITCH BOARD MEDIUM VOLTAGE PER CUBICLE	X	

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E-30A	SWITCH BOARD LOW VOLTAGE PER CUBICLE	X	
E-31	NETWORK PROTECTORS	X	
E-32	H/V NETWORK/POWER TRANSFORMER (OIL FILL)	X	
	POWER TYPE		
	NETWORK TYPE		
E-33	H/V NETWORK/POWER TRANSFORMER DRY	X	
	POWER TYPE		
	NETWORK TYPE		
E-34	DISCONNECT ISOLATING SWITCH PER SWITCH	X	
E-34A	DISCONNECT/ISOLATING SW, L/V	X	
	FUSED/NON-FUSED, 200 AMPS UP		
	200 AMPS TO 500 AMPS		
	OVER 500 AMPS		
E-35	MOTOR CONTROL CENTER INCLUDES 1ST 5 STARTERS	X	
	UNDER 100 HP		
E-36	AUTOMATIC TRANSFER SWITCH	X	
E-37	BUS DUCT, L/V AND CONNECTORS	X	
	ALUMINUM		
	PER DISCONNECT		
	PER 10 FT SECTION		
	COPPER		
	PER DISCONNECT		
	PER 10 FT SECTION		
E-37A	BUS DUCT, L/V AND CONNECTORS ENCLOSED	X	
	ALUMINUM		
	PER DISCONNECT		
	PER 10 FT SECTION		
	OUTDOORS		
	PER DISCONNECT		
	PER 10 FT SECTION		
	COPPER		
	PER DISCONNECT		
	PER 10 FT SECTION		
E-38	HIGH VOLTAGE AIR CIRCUIT BREAKER	X	
E-39	SUPERVISOR SET	X	
	1 TO 10 DEVICES		
	EACH ADDITIONAL DEVICE		
E-40	EMERGENCY GEN. GASOLINE, ELEC. OR NATURAL GAS	X	
E-41	EMERGENCY GENERATOR, ELECTRIC DIESEL ENGINES	X	
E-41A	EMERGENCY GENERATOR, ELECTRIC DIESEL ENGINES	X	
E-42	EMERGENCY GENERATOR ELECTRIC	X	
E-42A	EMERGENCY GENERATOR, ELECTRIC	X	
E-42B	EMERGENCY GENERATOR, ELECTRIC	X	
E-42C	EMERGENCY GENERATOR, ELECTRIC	X	
E-43	LEAD ACID BATTERY (PER CELL)		X
E-43A	LEAD ACID BATTERY SEAL TYPE (GELL CELL)		X
E-44	NICKEL CADMIUM BATTERY		X
E-44A	PRIMARY BATTERY (DRY CELL)		X
E-45	EMERGENCY GENERATOR STEAM TURBINE DRIVER	X	
E-45A	EMERGENCY GENERATOR STEAM TURBINE DRIVER	X	
E-46	BATTERY, UNINTERRUPTIBLE POWER SYSTEM		X
E-46A	BATTERY, UNINTERRUPTIBLE POWER SYSTEM		X

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E-46B	BATTERY, UNINTERRUPTIBLE POWER SYSTEM		X
E-49	EMERGENCY PUMPS AND VENTILATORS	X	
E-50	EMERGENCY PUMPS AND VENTILATORS	X	
E-51	MOTOR STARTERS, LESS THAN 100HP	X	
	AND LESS THAN 600 VOLTS (FORMERLY E-35A)		
E-52	AUXILLARY PROTECTIVE RELAY	X	
E-56	DIMMER AND CONTROL, STAGE AND GENERAL LIGHTING		X
E-57	LOW VOLTAGE DRY TYPE TRANSFORMER		X
	(30 KVA & UP, 600 VOLTS OR LESS)		
E-58	POWER DISTRIBUTION SYSTEM	X	
E-59	UNINTERRUPITILE POWER SYSTEM	X	
F-01	ALARM CHECK VALVES & ACCESSORIES	X	
F-01A	ALARM CHECK VALVES & ACCESSORIES	X	
F-02	DRY-PIPE, DELUGE, & PREACTION VALVES	X	
F-02A	DRY-PIPE, DELUGE, & PREACTION VALVES	X	
F-02B	DRY-PIPE, DELUGE, & PREACTION VALVES	X	
F-03	FIRE POST INDICATOR VALVE	X	
F-04	FIRE CONTROL VALVE 4"+ INTER WATER DISTRIB SYS	X	
F-04A	FIRE CONTROL VALVE 4"+ INTER WATER DISTRIB SYS	X	
F-04B	FIRE CONTROL VALVE 4"+ INTER WATER DISTRIB SYS	X	
F-05	FIRE PUMP DIESEL ENGINE DRIVEN	X	
F-05A	FIRE PUMP DIESEL ENGINE DRIVEN	X	
F-05B	FIRE PUMP DIESEL ENGINE DRIVEN	X	
F-05C	FIRE PUMP DIESEL ENGINE DRIVEN OLD P-7	X	
F-06	FIRE PUMP ELECTRIC MOTOR DRIVEN	X	
F-06A	FIRE PUMP ELECTRIC MOTOR DRIVEN	X	
F-06B	FIRE PUMP ELECTRIC MOTOR DRIVEN	X	
F-08	FIRE HOSE (1 1/2 INCH RACKED IN BLDG.)		X
F-08A	FIRE HOSE (1 1/2 INCH RACKED IN BLDG.)		X
F-09	FIRE DEPARTMENT HOSE CONNECTIONS STANDPIPE		X
F-09A	FIRE DEPARTMENT HOSE CONNECTIONS STANDPIPE		X
F-10	FIRE DEPART PUMP CONNECTION STANDPIPE/SPRINKLER		X
F-11	FIRE DOORS-STAIRWAYS & EXITWAYS (SWINGING)	X	
F-12	FIRE DOORS-SLIDING AND VERTICAL ROLLING	X	
F-13	FIRE SUPERVISORY SIGNALS-TESTING	X	
F-14	AUTOMATIC FIRE DETECTIONS-SMOKE DETECTORS	X	
F-14A	AUTOMATIC FIRE DETECTIONS-WATER FLOW ALARMS	X	
F-14B	AUTOMATIC FIRE DETECTIONS-HEAT DETECTORS	X	
F-14C	AUTO FIRE DETECTIONS-OPERATION TESTING PER ZONE	X	
F-15	FIRE ALARM CONTROL PANEL REMOTE ANNUNCIATORS	X	
F-15A	FIRE ALARM CONTROL PANEL SPECIAL SYSTEMS	X	
F-15B	CENTRAL STATION-TRANSMITTERS	X	
F-15C	CENT STATION RECIEVER & RETRANSMISSION EQUIP.	X	
F-16	FIRE ALARM SYSTEM RECORDER	X	
F-16A	FIRE ALARM SYSTEM EVENT PRINTER	X	
F-16B	FIRE ALARM SYSTEM AUDIO CONTROL PANEL	X	
F-16C	FIRE ALARM SYSTEM REMOTE AMPLIFIER	X	
F-16D	FIRE ALARM SYSTEM RECORDER	X	
F-17	MANUAL FIRE ALARM STATION CODED / UNCODED	X	
F-18	FIRE & SMOKE DAMPERS	X	
F-19	FIRE HYDRANT (DRY OR WET BARREL)	X	
F-19A	FIRE HYDRANT FLOW TEST (DRY OR WET BARREL)	X	

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F-20	SPRINKLER HEADS EACH		X
F-20	SPRINKLER HEADS PER 1,000 SQ. FT.		X
F-21	WATER SPRAY, EXTINGUISHING SYSTEM		X
F-21A	WATER SPRAY, EXTINGUISHING SYSTEM		X
F-22	FIRE EXTINGUISHER - STORED PRESSURE W/GUAGE		X
F-22A	FIRE EXTINGUISHER - NON STAINLESS STEEL - GAUGE		X
F-22B	FIRE EXTINGUISHER - NON RECHARGEABLE		X
F-23	FIRE EXTINGUISHER - GAS CART/CYLINDER - NO GAUGE		X
F-24	FIRE EXTINGUISHER-INSPECTION		X
F-25	FIRE EXTINGUISHER-HYDRO-TESTING		X
	CARBON DIOXIDE (CO 2)		
	STORED PRESSURE, CARTRIDGE TYPE		
F-26	FIRE EXTINGUISHER SYSTEM, CO2, HIGH PRESSURE		X
	HALON, DRY CHEMICAL INSPECTION		
F-26A	FIRE EXTINGUISHER SYSTEM, CO2, HIGH PRESSURE		X
	HALON, DRY CHEMICAL		
F-27	FAN, CENTRIFUGAL		
	UP TO 5,000 CFM		X
	5,001-10,000 CFM	X	
	10,001-15,000 CFM	X	
	15,001-20,000 CFM	X	
	.30 FOR EACH ADDITIONAL 5,000 CFM OVER 20,000 CFM		
F-28	FILTER, MOVABLE CURTAIN, OIL COATED		X
F-29	FILTER, ROLL TYPE, DISPOSABLE MEDIA		X
F-30	FILTER, VISCOUS TYPE		X
F-31	FILTER,ROLL TYPE, DISPOSABLE, MANUAL OR ELECTRIC		X
F-32	FILTER,THROW AWAY		X
F-33	FILTER,ELECTROSTATIC		X
F-36	FAN,PROPELLER,24 DIA OR LARGER	X	
F-38	LIGHTNING PROTECTION (PER DOWN CONDUCTOR)		X
F-39	CAFETERIA EXHAUST HOOD SYS PER 10 FT DUCT WORK		X
F-40	FILTER, BAG TYPE DEPTH		X
	4 TO 6 INCHES		
	6 TO 12 INCHES		
	12 TO 24 INCHES		
	24 TO 48 INCHES		
F-43	FILTER, CHARCOAL		X
F-44	FOUNTAIN, MEMORAL OR DECORATIVE		X
F-49	FILTER, CONTROL AIR		X
G-01	FUEL OIL FILTER/STRAINER		X
G-02	GREASE TRAP	X	
G-03	GATE/FENCES SECURITY AND ACCESS	X	
H-01	HOT WATER CONVERTER (STEAM)	X	
H-02	HOT WATER HEATER-GAS	X	
H-03	HOT WATER HEATER-ELECTRIC		X
H-04	HOT WATER EXCHANGER	X	
H-05	HOT WATER HEATER-STEAM	X	
	UP TO 1,000 GALLONS		
	.50 M/H FOR EACH ADDITIONAL 1,000 GALLONS		
H-06	HOT AIR FURNACE	X	
	120 MBTU'S OR LESS		
	121 TO 300 MBTU'S		

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	301 TO 500 MBTU'S		
	501 TO 700 MBTU'S		
	701 TO 1,000 MBTU'S		
	OVER 1,000 MBTU'S		
H-12	HEATER, FUEL OIL UNIT		X
H-15	HOIST, ELECTRIC		X
I-02	FAN COIL UNIT, UNDER WINDOW TYPE		X
I-03	INDUCTION UNIT, UNDER WINDOW TYPE		X
I-04	FAN COIL UNIT, CEILING HUNG		X
I-05	FAN COIL UNIT CEILING HUNG/VAV BOX ELEC HEAT		X
K-001	PLAY STRUCTURE-SURFACING, ACCESS, SIZE, STORAGE	X	
K-002	PLAY STRUCTURE-SLIDING EQUIPMENT	X	
K-003	PLAY STRUCTURE-SWING	X	
K-004	PLAY STRUCTURE-CLIMBING EQUIPMENT	X	
K-005	PLAY STRUCTURE-ROTATING, SPRING ROCKING, SEESAWS	X	
K-006	PLAY STRUCTURE-SAND & WATER PLAY EQUIPMENT	X	
K-007	PLAY STRUCTURE-SIGNS, TREES, PATHWAYS	X	
K-008	PLAY STRUCTURE-PLAYHOUSE GARDEEN	X	
K-009	PLAY STRUCTURE-CARRIAGES AND BUGGIES	X	
K-100	KITCHEN EQUIPMENT-DISH/TRAY, BUSING CONVEYOR	X	
K-100A	KITCHEN EQUIPMENT-DISH/TRAY, BUSING CONVEYOR	X	
K-101	KITCHEN EQUIPMENT-DISHWASHING MACHINE, ELECTRIC	X	
K-101A	KITCHEN EQUIPMENT-DISHWASHING MACHINE, ELECTRIC	X	
K-101B	KITCHEN EQUIPMENT-DISHWASHING MACHINE, STEAM FIRED	X	
K-102	KITCHEN EQUIPMENT-FRYER	X	
K-102A	KITCHEN EQUIPMENT-FRYER	X	
K-103	KITCHEN EQUIPMENT-GRILL	X	
K-103A	KITCHEN EQUIPMENT-GRILL	X	
K-104	KITCHEN EQUIPMENT-ICE CREAM & SHAKE MAKER	X	
K-104A	KITCHEN EQUIPMENT-ICE CREAM & SHAKE MAKER	X	
K-105	KITCHEN EQUIPMENT-ICE MAKER	X	
K-105A	KITCHEN EQUIPMENT-ICE MAKER	X	
K-106	KITCHEN EQUIPMENT-KETTLE	X	
K-106A	KITCHEN EQUIPMENT-KETTLE	X	
K-107	KITCHEN EQUIPMENT-OVEN	X	
K-107A	KITCHEN EQUIPMENT-OVEN	X	
K-108	KITCHEN EQUIPMENT-RANGE	X	
K-108A	KITCHEN EQUIPMENT-RANGE	X	
K-109	KITCHEN EQUIPMENT-REFRIGERATOR/FREEZERS (WALK-IN	X	
K-109A	KITCHEN EQUIPMENT-REFRIGERATOR/FREEZERS (WALK-IN	X	
K-110	KITCHEN EQUIPMENT-BOILER/GENERATORS, STEAM	X	
K-110A	KITCHEN EQUIPMENT-BOILER/GENERATORS, STEAM	X	
L-02	LOADING RAMP, ADJUSTABLE		X
L-05	LAWN SPRINKLER, PER NOZZLE		X
M-01	MANHOLE, ELECTRIC		X
M-02	MANHOLE, SEWER		X
M-03	MOTORS PM 1 - 7.5 HP		X
	MOTORS 7.5 - 50 HP	X	
	MOTORS OVER 50HP	X	
M-03A	MOTORS PREDICTIVE MAINTENANCE OVER 10 HP	X	
	MOTORS 10 - 50 HP	X	

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	MOTORS OVER 50 HP	X	
M-04	MANHOLE, WATER/STEAM/FUEL OIL		X
	HOT, CHILLED AND CONDENSER WATER		
M-10	MOTOR CONTROLLER UNIT (600 VOLTS AND ABOVE)	X	
M-11	MOTOR, 600 VOLTS OR 200 HP AND ABOVE	X	
P-01	PAPER BALER	X	
P-04	PUMP,CENTRIFUGAL 1- 24 HP	X	
	25 -100HP	X	
	OVER 100HP	X	
P-06	PUMP, VACUUM	X	
R-01	RADIATOR, HEATING		X
R-02	ROOF INSPECTION(PER 100 SQ FT) BUILT UP TYPE		X
R-02A	ROOF INSPECTION(PER 100 SQ FT) SHINGLE TYPE		X
R-03	REFRIG. MACHINE (ABSORPTION) UP TO 500 TONS	X	
	OVER 500 THRU 1000 TONS		
	OVER 1000 TONS		
R-04	CENTRAL PKG.CHILLED WATER UNIT	X	
	COMFORT COOLING/DRINKING WATER UNIT		
	25 TONS AND UNDER		
	25 TO 50 TONS		
	50 TO 75 TONS		
	75 TO 100 TONS		
	100 TO 150 TONS		
	SPECIAL PURPOSE (COMPUTER COOLING)		
	25 TONS AND UNDER		
	25 TO 50 TONS		
	50 TO 75 TONS		
	75 TO 100 TONS		
	100 TO 150 TONS		
R-05	REFRIGERATION MACHINE, CENTRIFUGAL	X	
	UP TO 50 TONS		
	51 THRU 250 TONS		
	251 THRU 500 TONS		
	501 THRU 750 TONS		
	751 THRU 1000 TONS		
R-06	REFRIGERATION MACHINE, RECIPROCATING AND SCROLL	X	
	50 TONS AND UNDER		
	50 TO 100 TONS		
	100 TO 150 TONS		
R-07	REFRIGERATION MACHINE, SCREW	X	
	50 TONS AND UNDER		
	51 THRU 250 TONS		
	251 THRU 500 TONS		
R-08	CONTROL PANEL, CENTRAL REFRIGERATION UNIT	X	
R-09	RADITION, BASEBOARDS/CONVECTORS		X
	(STEAM,HOT WATER OR ELECTRIC)PER LINEAR FOOT		
R-10	RAILROAD TRACKAGE (PER 1000 FT)		
R-11	REFRIGERATION CONTROLS , CENTRAL SYSTEM	X	
R-13	NON-DESTRUCTIVE CHILLER TUBE ANALYSIS	X	
R-14	HIGH EFFICIENCY PURGE UNITS	X	
R-15	REFRIGERANT MONITOR	X	
S-02	SEWAGE EJECTOR, PNEUMATIC TANK TYPE EJECTORS	X	

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S-06	SEWAGE EJECTOR, SUMP TYPE	X	
S-07	SUMP PUMP	X	
S-08	STRAINERS, Y TYPE		X
S-09	STRAINERS, BOLTED FLANGE (WATER/STEAM)		X
	6 TO 14 BOLTS		
	15 TO 34 BOLTS		
	35 TO 58 BOLTS		
	OVER 58 BOLTS		
S-14	DUAL STRAINER	X	
S-15	BACKWASH STRAINER		X
T-01	TANK, WATER (ALL TYPES)		X
T-02	TANK--AIR/REFRIGERANT/L.P.GAS	X	
T-03	TANK, FUEL OIL STORAGE	X	
T-04	UNDERGROUND STORAGE TANK, UST	X	
T-05	TRASH COMPACTOR		X
T-06	TANK, CHEMICAL	X	
T-08	TRAPS, ALL TYPES		X
	LOW PRESSURE		
	HIGH PRESSURE		
T-09	TURBINE, STEAM	X	
U-01	UNIT HEATER (STEAM AND HOT WATER)		X
U-02	UNIT HEATER (GAS AND OIL FIRED)		X
V-01	VACUUM CLEARNER, HEAVY DUTY, TANK, (ELECTRIC)		X
V-02	VALVE, SAFETY		X
V-03	VALVE, REGULATING		X
V-04	VALVE, FIRE SYSTEM PRESSURE REGULATING TYPE	X	
V-04A	VALVE, FIRE SYSTEM PRESSURE REGULATING TYPE	X	
V-04B	VALVE, FIRE SYSTEM PRESSURE REGULATING TYPE	X	
V-05	VALVE, MANUALLY OPERATED		X
	MAIN LINE		
	OTHER OVER 2 INCHES		
V-06	VALVE, MOTOR OPERATED		X
V-07	VALVES.HYDR/PNEU/ELEC		X
V-08	VALVE, CRITICAL CHECK	X	
V-09	BACKFLOW PREVENTOR	X	
	UP TO 1 1/2 INCHES		
	1 1/2 TO 2 INCHES		
	2 TO 3 INCHES		
	3 TO 4 INCHES		
	4 TO 6 INCHES		
	6 TO 8 INCHES		
	OVER 8 INCHES		
V-10	VACUUM SYSTEM, CENTRALIZED		X
W-01	DRINKING WATER FILTER SYSTEM	X	
W-02	EYE WASH, EMERGENCY		X
W-03	WATER SOFTENER	X	
W-04	FILTER, WATER	X	
W-04A	FILTER, WATER, REPLACEABLE CARTRIDGE	X	
W-08	WATER TREATMENT FOR COOLING TOWER	X	
W-09	WATER TREATMENT FOR HEATING SYSTEMS	X	
X-22	FLAG POLE, ELECTRIC	X	
X-23	HEATER UNIT ELECTRIC		X

Technical Exhibit 12-B
 Building Delegations
 Solicitation #TIRNO-09-R-00018
 Quality Assurance Surveillance Plan
 Inspection Sampling Matrix
 April 4, 2009

X-29	CHEMICAL FEEDER	X	
X-32	PARKING ARM GATES		X