DISTRICT DEPARTMENT OF THE ENVIRONMENT
AIR QUALITY DIVISION

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1200 First Street, NE
5th Floor
Washington, DC 20002

MAJOR SOURCE OPERATING PERMIT APPLICATION
STORAGE TANKS

1. FACILITY NAME:	2. STORAGE TANK IDENTIFICATION:	3. PROCESS EMISSION SOURCE (IDENTIFY):

4. LOCATION OF THE STORAGE TANK OR TANK FARM (UTM VERTICAL AND HORIZONTAL COORDINATES):

UTM VERTICAL: _____   UTM HORIZONTAL: _____

5. STORAGE TANK CAPACITY: (GALLONS	6. YEAR OF INSTALLATION:	7. TANK HEIGHT (FEET)	8. TANK DIAMETER: (FEET)

9. COLOR OF TANK:

_____ WHITE   _____ OTHER   SPECIFY_____

10. IS THIS TANK EQUIPPED WITH SUBMERGED FILL PIPE?

_____ YES   _____ NO

11. TYPE OF STORAGE TANK:

_____OPEN TOP TANK   _____FIXED ROOF   _____FIXED ROOF W/ INTERNAL FLOATING ROOF   _____OTHER (SPECIFY)

_____PRESSURIZED TANK   _____EXTERNAL FLOATING ROOF   _____VARIABLE VAPOR SPACE   _____

12. FOR FIXED ROOF TANKS:
A. TANK CONFIGURATION (CHECK ONE): _____VERTICAL (UPRIGHT CYLINDER) _____HORIZONTAL

B. TANK ROOF TYPE: _____CONE ROOF-INDICATE TANK ROOF HEIGHT_____(FT)
(CHECK ONE)   INDICATE SHELL RADIUS_____(FT)
_____DOME ROOF-INDICATE TANK ROOF HEIGHT_____(FT)

13. FOR FLOATING ROOF TANKS (BOTH INTERNAL AND EXTERNAL) - SHELL CONDITION (CHECK ONE):

_____ LIGHT RUST   _____ DENSE RUST   _____ GUNITE LINED

14. FOR EXTERNAL FLOATING ROOF TANKS:

A. TANK CONSTRUCTION (CHECK ONE):   _____ WELDED TANK   _____ RIVETED TANK

B. RIM SEAL SYSTEM DESCRIPTION (CHECK ONE):
_____SHOE MOUNTED PRIMARY   _____VAPOR MOUNTED PRIMARY   _____LIQUID MOUNTED PRIMARY
_____SHOE PRIMARY, RIM SECONDARY   _____VAPOR PRIMARY RIM SECONDARY   _____LIQUID PRIMARY, RIM SECONDARY
_____LIQUID PRIMARY W/WEATHER SHIELD   _____SHOE PRIMARY AND SECONDARY   _____VAPOR PRIMARY W/WEATHER SHIELD

C. ROOF TYPE (CHECK ONE) :   _____ PONTOON ROOF   _____ DOUBLE DECK ROOF

D. ROOF FITTING TYPES (INDICATE THE NUMBER OF EACH TYPE):

ACCESS HATCH (24" DIAMETER WELL)   UNSLOTTED GUIDE-POLE WELL   GAUGE-FLOAT WELL (20" DIAMETER)
_____BOLTED COVER, GASKETED   (8" DIAMETER UNSLOTTED POLE, 21"DIA WELL)   _____UNBOLTED COVER, UNGASKETED
_____UNBOLTED COVER, GASKETED   _____UNGASKETED SLIDING COVER   _____UNBOLTED COVER, GASKETED
_____UNBOLTED COVER, UNGASKETED   _____GASKETED SLIDING COVER   _____BOLTED COVER, GASKETED

GAUGE-HATCH/SAMPLE WELL (8" DIA)   VACUUM BREAKER (10" DIA WELL)   ROOF DRAIN
_____WEIGHTED MECHANICAL   _____WEIGHTED MECHANICAL   _____OPEN
ACTUATION GASKETED   ACTUATION GASKETED
_____WEIGHTED MECHANICAL   _____WEIGHTED MECHANICAL   _____ 90% CLOSED
ACTUATION UNGASKETED   ACTUATION UNGASKETED

SLOTTED GUIDE-POLE/SAMPLE WELL   ROOF LEG (3" DIA)   ROOF LEG (2-1/2" DIA)
(8" DIA SLOTTED POLE, 21"DIA WELL)   _____ADJUSTABLE, PONTOON AREA   _____ADJUSTABLE, PONTOON AREA
_____UNGASKETED SLIDING COVER, WITHOUT FLOAT   _____ADJUSTABLE, CENTER AREA   _____ADJUSTABLE, CENTER AREA
_____UNGASKETED SLIDING COVER, WITH FLOAT   _____ADJUSTABLE, DOUBLE-DECK   _____ADJUSTABLE, DOUBLE-DECK
_____GASKETED SLIDING COVER, WITHOUT FLOAT   ROOF   ROOFS

AQD Form V.21

15. FOR INTERNAL FLOATING ROOF TANKS:

    A. RIM SEAL SYSTEM DESCRIPTION:

    _____ LIQUID MOUNTED PRIMARY   _____ LIQUID MOUNTED PRIMARY PLUS SECONDARY SEAL
    _____ VAPOR MOUNTED PRIMARY   _____ VAPOR MOUNTED PRIMARY PLUS SECONDARY SEAL

    B. NUMBER OF COLUMNS: _____   D. DECK TYPE (CHECK ONE): _____ WELDED   _____ BOLTED

    C. EFFECTIVE COLUMN DIAMETER _____ (FEET)   E. TOTAL DECK SEAM LENGTH: _____ (FEET)

    F. DECK AREA: _____ (SQUARE FEET)

    G. DECK FITTING TYPES (INDICATE THE NUMBER OF EACH TYPE):

ACCESS HATCH (24" DIA)   AUTOMATIC GAUGE FLOAT WELL   COLUMN WELL
_____ BOLTED COVER, GASKETED   _____ BOLTED COVER, GASKETED   ____ BUILT-UP COLUMN-SLIDING COVER, GASKETED
_____ UNBOLTED COVER, GASKETED   _____ UNBOLTED COVER, GASKETED   ____ BUILT-UP COLUMN-SLIDING COVER, UNGASKETED
____UNBOLTED COVER, UNGASKETED_____ UNBOLTED COVER, UNGASKETED___ PIPE COLUMN-FLEXIBLE FABRIC SLEEVE SEAL
                                              ____ PIPE COLUMN-SLIDING COVER, GASKETED
                                              ____ PIPE COLUMN-SLIDING COVER, UNGASKETED

LADDER WELL   SAMPLE PIPE OR WELL   ROOF LEG OR HANGER WELL
_____ SLIDING COVER, GASKETED   _____ SLOTTED PIPE-SLIDING COVER, GASKETED   _____ ADJUSTABLE
_____ SLIDING COVER, UNGASKETED   _____ SLOTTED PIPE-SLIDING COVER, UNGASKETED _____ FIXED
                                _____ SAMPLE WELL-SLIT FABRIC SEAL, 10% OPEN AREA
                                  _____ STUB DRAIN, 1 INCH DIAMETER

VACUUM BREAKER

WEIGHTED MECHANICAL ACTUATION, GASKETED

16. FOR VARIABLE VAPOR SPACE TANKS:

                        VOLUME EXPANSION CAPACITY_____ (GALLONS)

17. COMPLETE THE FOLLOWING TABLE FOR MATERIALS TO BE STORED IN THIS TANK:

MATERIAL OR COMPONENT STORED	WT %	MATERIAL ANNUAL THROUGHPUT (GAL/YR)	MATERIAL STORED-DAILY AVERAGE (GALLONS)	COMPONENT MOLECULAR WEIGHTS (LB/LB.MOLE)	COMPONENT VAPOR PRESSURES (PSIA)	MATERIAL STORAGE PRESSURE (PSIA)	MATERIAL AVERAGE STORAGE TEMP. (DEG. F)

    MULTIPURPOSE TANK WITH VARIABLE COMPOSITION:

                        _____ YES   _____ NO

18. DESCRIBE THE OPERATION THIS TANK WILL SERVE:

19. PAGE NUMBER: REVISION NUMBER: DATE OF REVISION: