

DATASHEET

PET-48 VAPOR SCRUBBER SYSTEM

DESCRIPTION:

The PET-48 is an all-poly vapor scrubber system designed for airflows up to 4500 CFM. This skid-mounted dual packed-column scrubber has over 7' of packing height for optimal efficiency. Dual 48" diameter polyethylene towers make it excellent for corrosive applications. This is unit designed for scrubbing acids, bases, amines, chlorine, and more. Efficiencies as high as 99.9% possible. Available for rental or sale.

OPERATIONAL PARAMETERS

Maximum Airflow	4500 CFM
Minimum Airflow	100 CFM
Maximum Pressure	1 PSI
Pressure Drop Across Unit @ 4500 CFM	3" of water column

SPECIFICATIONS

Unit Footprint	84.5"W x 176"L
Unit Height	121"
Unit Weight	4500#
Inlet/Outlet	10" Inlet/10" Outlet
# of Towers:	2
Tower Diameter:	48"
Packing Height (both towers combined):	7'
Maximum Reservoir Capacity:	1100 Gallons
Main Pump:	Magnetic Drive Seal-less Pump (480V)
Backup Pump:	2" AOD Pump
Skid Mounted	Yes



1

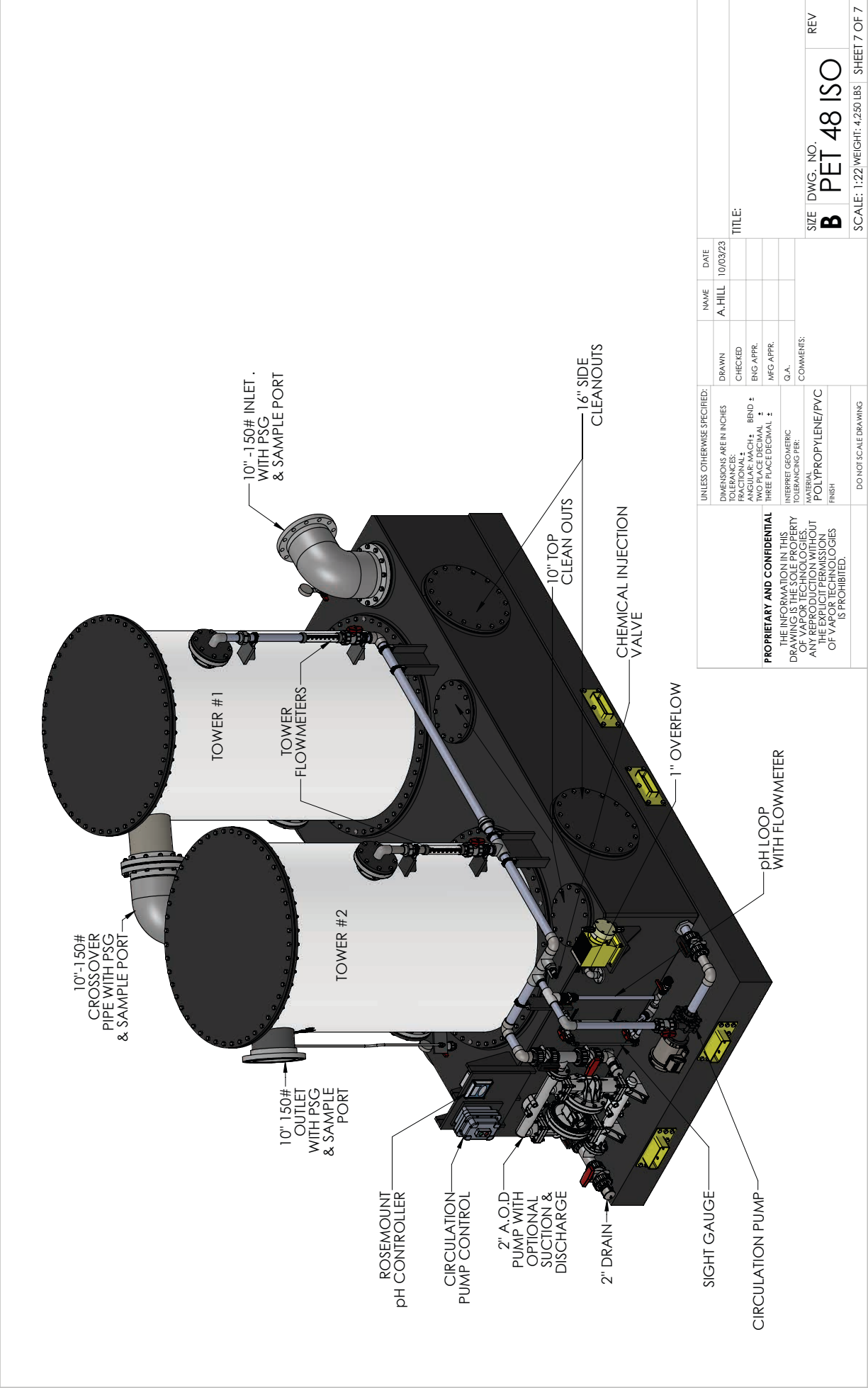
2

3

4

B

A



B

A

1

2

3

4

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS: ± 1/32" FRACTIONAL ANGULAR: ± 1/2° BEND: ± 1/4" TWO PLACE DECIMAL: ± .01 THREE PLACE DECIMAL: ± .001	DRAWN	NAME	DATE
INTERPRET GEOMETRIC TOLERANCING PER: POLYPROPYLENE/PVC FINISH	CHECKED	A. HILL	10/03/23
COMMENTS:	ENG. APPR.		
DO NOT SCALE DRAWING	MFG APPR.		
	Q.A.		
TITLE:			
SIZE DWG. NO.		REV	
B PET 48 ISO			
SCALE: 1:22 WEIGHT: 4.250 LBS		SHEET 7 OF 7	

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