

US EPA ARCHIVE DOCUMENT

Table I. Sec. B: UST baseline audit data for 97 facility inspections

<i>Tank Corrosion Protection</i>	Number of tanks (n)	Proportion in compliance p_1	$p_1 \times (1-p_1)/n$	σ	95%LCL	95%UCL
B.1 Corrosion protection for each tank	271	0.98	0.00	0.01	0.96	1.00
<i>Interior Liner</i>						
B.6 Tanks pass most recent liner inspection	2	1.00	0.00	0.00	1.00	1.00
<i>Impressed current cathodic protection</i>						
B.10 Cathodic protection system operate continuously	21	1.00	0.00	0.00	1.00	1.00
B.11 Record rectifier readings every 60 dys/keep log	21	0.43	0.01	0.11	0.22	0.64
B.13 Is system tested every 2 yrs + w/in 6 mos. of repair	18	0.44	0.01	0.12	0.21	0.67
B.16 System pass most recent test	14	0.71	0.01	0.12	0.47	0.95
B.17 Records of all repairs/test results	15	0.27	0.01	0.11	0.05	0.49
<i>Sacrificial Anodes</i>						
B.20 Cathodic protection operate continuously	20	1.00	0.00	0.00	1.00	1.00
B.21 Is system tested every 3 yrs + w/in 6 mos. of repair	19	0.11	0.01	0.07	-0.03	0.25
B.24 System pass most recent test	14	1.00	0.00	0.00	1.00	1.00
B.25 Records of all repairs/test results	19	0.37	0.01	0.11	0.15	0.59

Note: (1) Only compliance related indicators shown in table; descriptive data counts (e.g., B.3 Steel tank with fiberglass/plastic jacket, n=88) and information (e.g., date of installation) not included.

(2) Shaded and boxed (dotted line) baseline indicators are not useful for demonstrating statistically significant improvements in performance due to small sample size or because the p_1 value is ≥ 0.93 ; many of these indicators, however, may be useful for monitoring performance trends over time. Most other indicators are potentially measurable (i.e., in terms of statistical significance) depending upon observed increases in performance (p_2) and the power and confidence level chosen for the analysis.