

**Industrial Access**  
**Cost Estimate to Keep 826-foot- Stack at the Former ASARCO Smelter (50Years)**

Year No.	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26 - 50	
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038-2062	
<b>Repair Job</b>																												
Remove old cap		\$95,000																										
Replace top platform			\$40,000																									
Prep prime paint top platform				\$30,000																							\$110,000	
Install complete cap			\$200,000																									
Install carbonfibre wrap					\$175,000																							
Repair/replace aviation warning lights		\$10,000	\$35,000		\$4,000		\$4,000		\$4,000		\$75,000		\$3,000		\$3,000		\$3,000		\$3,000		\$3,000		\$25,000		\$3,000		\$3,000	\$10,000
Low pressure wash exterior										\$80,000																	\$80,000	
Repaint asarco and orange white										\$350,000																	\$350,000	
Prep paint ladder rest and 2 full platforms repairs as needed						\$90,000					\$50,000																\$90,000	
Repair minor spalled cracked areas 200-500		\$25,000			\$75,000											\$25,000												
Lightning protection repairs		\$25,000																									\$75,000	
Waterproof lower 500'							\$200,000																				\$200,000	
Block breechings have local company complete install new access doors		\$40,000																										
Minor repairs as needed			\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Mob demob																												
<b>Environmental Remediation</b>																												
Wash down interior of stack and remove waste / environmental should be completed b4 turnover		\$100,000																										
Lead abatement paint		\$800,000																										
<b>Operations, Maintance, Insurance &amp; Other</b>	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
<b>Total</b>	\$900,000	\$220,000	\$280,000	\$35,000	\$259,000	\$95,000	\$209,000	\$435,000	\$9,000	\$5,000	\$130,000	\$5,000	\$8,000	\$5,000	\$8,000	\$30,000	\$38,000	\$5,000	\$8,000	\$5,000	\$33,000	\$5,000	\$8,000	\$55,000	\$8,000	\$920,000	\$200,000	\$3,918,000