

05 01 Maintenance of Metals

05 01 10 – Maintenance of Structural Metal Framing

05 01 10.51 Cleaning of Structural Metal Framing		Daily	Labor-			2022 Bare Costs			Total
0010	CLEANING OF STRUCTURAL METAL FRAMING	Crew	Output	Hours	Unit	Material	Labor	Equipment	Total
6125	Steel surface treatments, PDCA guidelines								
6170	Wire brush, hand (SSPC-SP2)	1 Pst	400	.020	S.F.	.03	.98		1.01
6180	Power tool (SSPC-SP3)	"	700	.011		.08	.56		.64
6215	Pressure washing, up to 5,000 psi, 5,000-15,000 S.F./day	1 Pord	10000	.001			.04		.04
6220	Steam cleaning, 600 psi @ 300 °F, 1,250-2,500 S.F./day		2000	.004			.19		.19
6225	Water blasting, up to 25,000 psi, 1,750-3,500 S.F./day	↓	2500	.003			.15		.15
6230	Brush-off blast (SSPC-SP7)	E-11	1750	.018		.19	.92	.18	1.29
6235	Com'l blast (SSPC-SP6), loose scale, fine powder rust, 2.0#/S.F. sand		1200	.027		.38	1.34	.26	1.98
6240	Tight mill scale, little/no rust, 3.0#/S.F. sand		1000	.032		.57	1.60	.31	2.48
6245	Exist coat blistered/pitted, 4.0#/S.F. sand		875	.037		.76	1.83	.35	2.94
6250	Exist coat badly pitted/nodules, 6.7#/S.F. sand		825	.039		1.27	1.94	.38	3.59
6255	Near white blast (SSPC-SP10), loose scale, fine rust, 5.6#/S.F. sand	↓	450	.071	↓	1.06	3.56	.69	5.31
6260	Tight mill scale, little/no rust, 6.9#/S.F. sand	E-11	325	.098	S.F.	1.31	4.93	.95	7.19
6265	Exist coat blistered/pitted, 9.0#/S.F. sand		225	.142		1.71	7.15	1.38	10.24
6270	Exist coat badly pitted/nodules, 11.3#/S.F. sand	↓	150	.213	↓	2.14	10.70	2.07	14.91

05 05 Common Work Results for Metals

05 05 05 – Selective Demolition for Metals

05 05 05.10 Selective Demolition, Metals

0010	SELECTIVE DEMOLITION, METALS	R024119-10							
0015	Excludes shores, bracing, cutting, loading, hauling, dumping								
0020	Remove nuts only up to 3/4" diameter	1 Sswk	480	.017	Eu.		1.03		1.03
0030	7/8" to 1-1/4" diameter		240	.033			2.06		2.06
0040	1-3/8" to 2" diameter		160	.050			3.09		3.09
0060	Unbolt and remove structural bolts up to 3/4" diameter		240	.033			2.06		2.06
0070	7/8" to 2" diameter		160	.050			3.09		3.09
0140	Light weight framing members, remove whole or cut up, up to 20 lb.	↓	240	.033			2.06		2.06
0150	21-40 lb.	2 Sswk	210	.076			4.71		4.71
0160	41-80 lb.	3 Sswk	180	.133			8.25		8.25
0170	81-120 lb.	4 Sswk	150	.213			13.20		13.20
0230	Structural members, remove whole or cut up, up to 500 lb.	E-19	48	.500			30.50	17	47.50
0240	1/4-2 tons	E-18	36	1.111			69	22.50	91.50
0250	2-5 tons	E-24	30	1.067			65.50	70	135.50
0260	5-10 tons	E-20	24	2.667			163	91	254
0270	10-15 tons	E-2	18	3.111			191	138	329
0340	Fabricated item, remove whole or cut up, up to 20 lb.	1 Sswk	96	.083			5.15		5.15
0350	21-40 lb.	2 Sswk	84	.190			11.80		11.80
0360	41-80 lb.	3 Sswk	72	.333			20.50		20.50
0370	81-120 lb.	4 Sswk	60	.533			33		33
0380	121-500 lb.	E-19	48	.500			30.50	17	47.50
0390	501-1000 lb.	"	36	.667	↓		40.50	22.50	63
0500	Steel roof decking, uncovered, bare	B-2	5000	.008	S.F.		.37		.37

05 05 13 – Shop-Applied Coatings for Metal

05 05 13.50 Paints and Protective Coatings

0010	PAINTS AND PROTECTIVE COATINGS	R050516-30							
5900	Galvanizing structural steel in shop, under 1 ton				Ton	695		695	760
5950	1 ton to 20 tons					660		660	725
6000	Over 20 tons					640		640	700