The British Constructional Steelwork Association Limited

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25 May 2022

ALL MEMBERS MEMORANDUM No 96-22

BCIS STEELWORK INDICES

The following are the latest firm and provisional indices from BCIS. These indices are used in price adjustment formulae to calculate the increase, or decrease, in contractors' costs over any period to the nearest month. Index numbers are published as provisional in the first instance.

Building Formula - Series 2 (June 1976 = 100)		***May 2021*** *(Firm)*	***Feb 2022*** *(Firm)*	***May 2022*** *(Provisional)*
2/6	Concrete	838	903	922
2/7	Reinforcement	982	1,157	1,433
2/8	Structural precast and prestressed concrete units	862	1,091	1,120
2/15	Asbestos-cement sheet roofing and cladding	999	1,067	1,106
2/16	Plastic coated steel sheet roofing and cladding	703	801	902
2/17	Aluminium sheet roofing and cladding	539	574	617
2/27	Steelwork *(see Note 1 below)*	814	940	1,085
2/30	Miscellaneous metalwork	708	767	808

Building Formula – Series 3 (June 1990 = 100)		***May 2021*** *(Firm)*	***Feb 2022*** *(Firm)*	***May 2022*** *(Provisional)*
3/13	Metal: Decking	272	212	367
3/17	Cladding and Covering: Coated Steel	261	298	333

Specialist Engineering Steelwork – Series 2 (June 1970 = 100)		***Apr 2021*** *(Firm)*	***Jan 2022*** *(Firm)*	***Apr 2022*** *(Provisional)*
2/S1	Cost of labour in fabrication and erection of steelwork	3,408	3,470	3,505
2/S2	Cost of materials *(see Note 3below)*	1,836	2,199	2,667

Structural Steelwork – '1990 Series' (June 1990 = 100)		***Apr 2021*** *(Firm)*	***Jan 2022*** *(Firm)*	***Apr 2022*** *(Provisional)*
3/S1	Labour	316	323	326
3/S2	Materials: Building Work *(see Note 4 below)*	311	376	454
3/S3	Materials: Civil Engineering Work *(see Note 5 below)*	300	360	436

Civil Engineering Steelwork (June 1970 = 100)		***Apr 2021*** *(Firm)*	***Jan 2022*** *(Firm)*	***Apr 2022*** *(Provisional)*
	Metal sections	1,872	2,259	2,774
70/12	Fabricated structural steel *(see Note 2 below)*	1,836	2,199	2,667
70/13	Labour in fabricating and erecting steelwork	3,408	3,470	3,505

Civil Engineering and related Specialist Engineering - Series 4 (June 2015 = 100)		***Apr 2021*** *(Firm)*	***Jan 2022*** *(Firm)*	***Apr 2022*** *(Provisional)*
4/CE/20	Steel Sections	224.9	250.9	351.1
4/CE/26	Metal Structures	121.6	141.3	154.1
4/CE/ST/01	Structural Steelwork Labour	116.4	119.3	120.1
4/CE/ST/02	Structural Steelwork Materials *(see Note 6 below)*	222.4	247.4	344.9

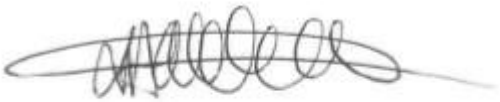
The values of the latest steelwork labour and materials indices (Specialist Engineering Steelwork) show the following percentage increases over the index values in the same month one year ago:

2/S1 Labour April 2021 to April 2022 = + 2.84 %

2/S2 Materials April 2021 to April 2022 = + 45.26 %

Notes:

1. Index 2/27 (Steelwork) incorporates elements of labour and materials at the rate of 45:55.
2. Index 12 (Fabricated structural steel) is not what it implies; it is the materials to be used in fabricating structural steelwork, predominantly steel sections and plate. Index 12 is identical to index S/2.
3. Index 2/S2 (Cost of materials) assumes 35% sections, 20% hollow sections and 45% plate.
4. Index 3/S2 (Materials: Building Work) assumes 70% sections, 15% hollow sections and 15% plate.
5. Index 3/S3 (Materials: Civil Engineering Work) assumes 35% sections, 15% hollow sections and 50% plates.
6. Index 4/CE/ST/02 (Structural Steelwork Materials) assumes 70% sections, 15% hollow sections and 15% flats.



LORRAINE MACKINDER
Membership Manager

PRICE ADJUSTMENT FORMULAE FOR CONSTRUCTION CONTRACTS

Specialist Engineering Steelwork – Series 2 (June 1970 = 100)

2/S1	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Cost of labour in fabrication and erection of steelwork	**2008**	2,456	2,482	2,505	2,516	2,529	2,530	2,541	2,544	2,544	2,550	2,547	2,546
	2009	2,535	2,530	2,528	2,533	2,566	2,571	2,578	2,585	2,596	2,614	2,632	2,644
	2010	2,652	2,671	2,688	2,712	2,737	2,755	2,773	2,791	2,808	2,823	2,820	2,820
	2011	2,820	2,808	2,800	2,807	2,809	2,816	2,831	2,852	2,865	2,874	2,874	2,874
	2012	2,863	2,854	2,852	2,841	2,847	2,874	2,852	2,851	2,865	2,877	2,879	2,879
	2013	2,881	2,881	2,881	2,884	2,884	2,887	2,887	2,887	2,900	2,907	2,913	2,921
	2014	2,927	2,938	2,954	2,970	2,978	2,992	2,997	3,005	3,005	2,999	2,994	2,994
** provisional*	**2015**	2,999	3,010	3,018	3,026	3,032	3,050	3,059	3,072	3,086	3,066	3,059	3,050
	2016	3,048	3,059	3,066	3,072	3,075	3,075	3,075	3,075	3,086	3,139	3,139	3,139
	2017	3,146	3,146	3,146	3,146	3,146	3,146	3,146	3,146	3,146	3,213	3,213	3,213
	2018	3,226	3,226	3,226	3,224	3,224	3,224	3,224	3,224	3,224	3,297	3,297	3,297
	2019	3,307	3,307	3,307	3,306	3,306	3,306	3,306	3,306	3,306	3,389	3,389	3,389
	2020	3,398	3,400	3,400	3,398	3,398	3,398	3,398	3,398	3,398	3,400	3,400	3,400
	2021	3,400	3,400	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,470	3,470	3,470
	2022	3,470	*3,470**	*3,483**	*3,505**								

Specialist Engineering Steelwork – Series 2 (June 1970 = 100) – assumes 35% sections, 20% hollow sections, 45% plate

2/S2	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Cost of materials	**2008**	1,228	1,229	1,237	1,256	1,289	1,424	1,474	1,513	1,644	1,613	1,542	1,474
	2009	1,256	1,290	1,249	1,190	1,168	1,149	1,136	1,131	1,140	1,162	1,157	1,177
	2010	1,168	1,159	1,174	1,311	1,359	1,422	1,458	1,454	1,177	1,400	1,386	1,373
	2011	1,387	1,417	1,443	1,519	1,555	1,569	1,520	1,514	1,509	1,481	1,474	1,449
	2012	1,450	1,455	1,466	1,470	1,475	1,456	1,436	1,443	1,434	1,411	1,384	1,401
	2013	1,404	1,384	1,411	1,424	1,402	1,391	1,378	1,345	1,355	1,364	1,366	1,358
	2014	1,376	1,369	1,365	1,340	1,348	1,361	1,331	1,335	1,320	1,312	1,304	1,265
	2015	1,242	1,226	1,197	1,211	1,190	1,174	1,149	1,148	1,144	1,133	1,106	1,107
	2016	1,108	1,103	1,088	1,108	1,157	1,176	1,186	1,198	1,203	1,196	1,196	1,223
** provisional*	**2017**	1,276	1,264	1,267	1,280	1,274	1,276	1,283	1,298	1,320	1,346	1,360	1,367
	2018	1,387	1,398	1,417	1,408	1,414	1,423	1,422	1,434	1,443	1,449	1,449	1,445
	2019	1,457	1,445	1,448	1,458	1,453	1,445	1,441	1,437	1,418	1,402	1,315	1,290
	2020	1,285	1,287	1,341	1,354	1,369	1,337	1,324	1,317	1,317	1,337	1,398	1,397
	2021	1,455	1,532	1,719	1,836	1,920	2,024	2,153	2,226	2,236	2,228	2,224	2,202
	2022	2,201	*2,201**	*2,721**	*2,667**								

Structural Steelwork – '1990 Series' (June 1990 = 100)

3/S1	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Labour	**2008**	227	230	232	233	234	234	235	235	236	236	236	236
	2009	235	234	234	234	237	238	239	239	249	242	244	245
	2010	245	247	249	251	253	255	257	258	260	261	261	261
	2011	261	260	259	260	260	261	262	264	265	266	266	266
	2012	265	264	264	263	264	266	264	264	265	266	266	266
	2013	267	267	266	267	267	267	267	267	268	269	270	270
	2014	271	272	273	275	276	277	277	278	278	278	277	277
	2015	278	279	279	280	281	282	283	284	286	284	283	282
	2016	282	283	284	284	285	285	285	285	286	291	291	291
	2017	292	292	292	292	292	292	292	292	292	298	298	298
** provisional*	**2018**	299	299	299	299	299	299	299	299	299	306	306	306
	2019	307	307	307	307	307	307	307	307	307	314	314	314
	2020	315	315	315	315	315	315	315	315	315	315	315	315
	2021	315	315	316	316	316	316	316	316	316	323	323	323
	2022	323	*323**	*324**	*326**								

Structural Steelwork – '1990 Series' (June 1990 = 100) – assumes 70% sections, 15% hollow sections, 15% plate

3/S2	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Materials: Building Work	**2008**	229	230	233	237	246	263	276	286	297	287	266	247
	2009	230	227	215	203	197	192	187	186	188	191	190	189
	2010	188	188	191	208	220	237	245	245	242	237	234	230
	2011	231	238	245	256	262	262	256	254	253	248	246	242
	2012	241	242	245	247	249	247	244	243	241	238	234	235
	2013	235	233	236	238	235	233	230	225	226	227	228	226
	2014	271	226	226	222	224	226	224	225	222	220	217	212
	2015	209	206	202	204	202	199	196	195	194	192	190	190
	2016	189	186	181	183	189	194	197	201	203	202	201	204
** provisional*	**2017**	211	212	212	215	215	217	217	219	220	224	227	228
	2018	232	233	236	235	236	237	237	239	241	242	242	241
	2019	244	243	244	245	245	244	244	241	239	237	225	219
	2020	216	216	224	227	230	224	221	220	221	226	231	238
	2021	249	263	290	311	365	335	378	390	392	389	385	379
	2022	376	*376**	*448**	*454**								

Structural Steelwork – '1990 Series' (June 1990 = 100) – assumes 35% sections, 15% hollow sections, 50% plate

3/S3	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Materials: Civil Engineering Works	**2008**	201	201	202	206	211	233	241	247	269	264	252	241
	2009	213	211	204	195	191	188	186	185	186	190	189	193
	2010	190	190	192	214	222	233	239	238	235	229	227	225
	2011	227	232	236	248	254	257	249	248	247	242	241	237
	2012	237	238	240	241	241	238	235	236	235	231	226	229
	2013	230	226	231	233	229	227	225	220	222	223	223	222
	2014	225	224	223	219	221	223	218	218	216	215	213	207
	2015	203	200	196	198	195	192	188	188	187	185	181	181
	2016	181	180	178	181	189	192	194	196	197	196	196	200
** provisional*	**2017**	209	207	207	209	208	209	210	212	216	220	222	*224*
	2018	227	229	232	230	231	233	233	235	236	237	237	236
	2019	238	236	237	238	238	236	236	234	232	229	215	211
	2020	210	211	219	221	224	219	217	215	215	219	223	229
	2021	238	281	251	300	314	331	352	364	365	366	364	360
	2022	360	*360**	*445**	*436**								

Civil Engineering and related Specialist Engineering – Series 4 (June 2015 = 100)

4/CE/ST01	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Structural Steelwork Labour	**2012**	94.0	94.0	94.0	93.9	93.5	93.8	94.1	94.1	94.1	94.2	95.3	95.3
	2013	96.7	97.1	97.1	97.0	97.0	96.7	96.6	96.6	96.6	96.6	96.6	96.6
	2014	96.9	97.0	97.0	96.9	96.8	96.9	99.7	99.7	99.7	99.7	99.7	99.7
	2015	99.7	99.7	99.7	99.8	99.8	100.0	102.7	102.7	102.7	102.7	102.7	102.7
* provisional	**2016**	102.7	102.7	102.7	102.7	102.7	102.7	103.2	105.1	105.1	105.1	105.1	105.1
	2017	105.6	105.6	105.6	105.6	105.6	106.1	108.6	108.6	108.6	108.6	108.6	108.6
	2018	108.6	108.6	108.6	108.4	108.4	109.1	112.2	112.2	112.2	111.2	112.2	112.2
	2019	112.2	112.2	112.2	113.1	113.2	114.0	116.5	116.5	116.5	116.5	116.5	116.5
	2020	116.6	116.6	116.6	116.5	116.5	116.5	116.5	116.5	116.5	116.5	116.5	116.5
	2021	116.5	116.5	116.5	116.4	116.3	116.6	119.3	119.3	119.3	119.3	119.3	119.3
	2022	119.3	119.3	119.3	*120.1**								

Civil Engineering and related Specialist Engineering – Series 4 (June 2015 = 100)

4/CE/ST02	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Structural Steelwork Materials ** provisional*	**2012**	121.8	121.4	121.4	123.4	120.9	120.5	117.6	115.4	113.0	113.6	112.6	113.4
	2013	115.5	116.2	116.2	118.3	115.8	114.3	114.1	112.1	111.6	112.0	110.1	108.7
	2014	109.0	108.4	109.6	109.7	113.6	112.2	113.1	115.5	113.2	109.8	109.6	108.6
	2015	107.4	104.0	105.4	104.1	102.9	100.0	97.0	94.5	93.4	92.2	90.9	89..4
	2016	87.4	87.5	87.4	91.6	93.2	95.8	102.9	104.2	104.9	107.4	109.3	111.3
	2017	116.6	117.5	118.7	118.4	115.9	118.4	117.1	121.4	122.3	123.1	124.4	123.8
	2018	125.2	125.2	126.4	126.5	130.6	131.5	131.4	131.9	131.1	131.6	129.8	132.0
	2019	130.8	133.3	134.3	134.5	132.8	133.5	136.3	139.6	140.0	137.6	132.5	131.4
	2020	136.8	142.8	143.5	139.1	138.9	138.2	139.0	142.3	148.1	149.1	150.8	158.0
	2021	172.2	183.8	209.0	224.4	224.6	217.0	237.7	240.4	240.8	246.9	258.2	257.9
	2022	*239.6**	*251.3**	*292.2**									