

# **CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)**



## **Work Groups Composition and Weightings of Sub-indices** CURRENT AS AT 1 JANUARY 2013

Issued by the  
**CPAP Committee**

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**Association of South African Quantity Surveyors**



**CONTRACT PRICE ADJUSTMENT PROVISIONS**  
Work Groups Composition with Weighting of Sub-indices

<b>Work Group</b>	<b>Weight</b>	<b>Sub-indices</b>
102	Alterations	1.00 Labour cost - CPI
104	Earthworks	0.50 Labour cost - CPI 0.50 Plant, Civil engineering
106	Piling	0.27 Labour cost - CPI 0.03 Sand 0.10 Cement 0.06 Aggregate, crushed stone 0.12 Reinforcing steel 0.42 Civil engineering plant
110	Concrete (excluding formwork)	0.22 Labour cost - CPI 0.45 Cement 0.13 Sand 0.20 Aggregate, crushed stone
111	Formwork	0.50 Labour cost - CPI 0.15 SA pine, kiln dried 0.20 Structural steel products 0.15 Building boards
112	Precast concrete	0.30 Labour cost - CPI 0.14 Cement 0.05 Sand 0.06 Aggregate, crushed stone 0.09 SA pine, kiln dried 0.09 Building boards 0.09 SEIFSA steel price index, Table E-A light sections 0.12 Reinforcing steel 0.06 Structural steel products
113	Post tensioning	0.27 Labour cost - CPI 0.55 Strand 0.18 Anchors
114	Reinforcement	0.30 Labour cost - CPI 0.70 Reinforcing steel
116	Brick and block work	0.45 Labour cost - CPI 0.06 Cement 0.04 Sand 0.35 Bricks, stock 0.10 Bricks, face
118	Masonry	0.46 Labour cost - CPI 0.54 Natural stone, cut and sawn
120	Waterproofing	0.20 Labour cost - CPI 0.68 Bitumen Sheeting, modified 0.12 Bitumen & Acrylic Emulsion
122	Non-metallic roof coverings	0.20 Labour cost - CPI 0.40 Roof tiles, concrete 0.40 Roof sheets, fibre cement

<b>Work Group</b>	<b>Weight</b>	<b>Sub-indices</b>
124	Metal roofing (steel)	0.15 0.85 Labour cost - CPI GMS sheeting, coated & profiled (roofing)
125	Metal roofing (aluminium)	0.10 0.90 Labour cost - CPI Aluminium sheeting, profiled, distributor level
126	Carpentry and joinery	0.35 0.20 0.10 0.20 0.15 Labour cost - CPI SA pine, kiln dried Building boards Meranti, imported Flush doors
129	Ceilings	0.25 0.25 0.20 0.15 0.10 0.05 Labour cost - CPI Gypsum board Drop-in ceiling tiles (Gypsum) Drop- in ceiling tiles (Masonate) Aluminium sections, extruded, distributor level SEIFSA steel price index, Table E-A light sections
130	Resilient floor and wall coverings	0.24 0.27 0.27 0.22 Labour cost - CPI Vinyl tiles, flooring Vinyl sheeting, flooring Carpeting, woven needle punch
132	Ironmongery	0.22 0.31 0.26 0.08 0.13 Labour cost - CPI Lever locks Hinges Cylinder lock set Aluminium lever furniture
134	Structural steel works in buildings	0.48 0.52 Labour cost - CPI Structural steel products
136	Metalwork	0.30 0.30 0.30 0.10 Labour cost - CPI Structural steel products Steel sections, small SEIFSA steel price index, E-A light sections
138	Partitioning systems	0.36 0.24 0.16 0.09 0.05 0.05 0.05 Labour cost - CPI Gypsum board Doors, flush Aluminium sections, extruded, distributor level Ironmongery selected, WG 132 SEIFSA steel price index, Table E-A light sections Glass, building industry, cut to size
140	Aluminium work	0.40 0.60 Labour cost - CPI Aluminium sections, extruded, distributor level
141	Stainless steel work	0.50 0.50 Labour cost - CPI Stainless steel products, flat rolled

142	In situ finishes	0.67 0.20 0.10 0.03	Labour cost - CPI Cement Sand Aggregate, crushed stone
144	Tiling	0.42 0.50 0.08	Labour cost - CPI Glazed ceramic tiles, white Tiles adhesives
146	Drainage	0.60 0.30 0.10	Labour cost - CPI PVC pipes Concrete pipes
148	Plumbing	0.40 0.10 0.10 0.10 0.20 0.10	Labour cost - CPI Wash hand basin WC's Stainless steel products, flat rolled Piping, copper Piping PVC
149	Aluminium shop fronts and Preglazed aluminium windows	0.40 0.25 0.35	Labour cost - CPI Aluminium sections, extruded, distributor level Glass, building industry use, cut to size
150	Glazing	0.10 0.90	Labour cost - CPI Glass, building industry use, cut to size
152	Painting	0.65 0.18 0.17	Labour cost - CPI Paints, cementitious Paints, enamel
154	Roadworks	0.20 0.34 0.21 0.20 0.05	Labour cost - CPI Aggregate, crushed stone Bitumen, road surfacing Engineering plant, civil Diesel
160	Electrical installation	0.10 0.10 0.50 0.15 0.15	Labour cost - CPI SEIFSA Actual labour cost index Table C3 Electrical engineering materials SEIFSA steel price index, Table E-A light sections SEIFSA Metal prices, Copper Table F
162	Electrical – Reticulation	0.10 0.10 0.30 0.20 0.30	Labour cost - CPI Labour cost - SEIFSA Electrical engineering materials SEIFSA steel price index, Table E-A light sections SEIFSA Metal prices, Copper Table F
170	Mechanical services	0.32 0.20 0.25 0.03 0.15 0.05	Labour cost - SEIFSA table C4 Machinery – SEIFSA table 0 Machinery – Electrical table 0 Domestic steel medium sections – Table E-A Electrical contracting materials Steel tubes, pipes and fittings – SEIFSA Table 1
171	Ductwork installations	0.40 0.50 0.10	Labour cost - SEIFSA table C4 Sheet, galvanised Angles mild steel

172	Refrigeration installations	0.45	Labour cost - SEIFSA table C4
		0.40	SEIFSA Metal prices, Copper Table F
		0.10	Electrical contracting materials
		0.05	Angles, mild steel
173	Steel water pipe installations	0.40	Labour cost - SEIFSA table C4
		0.40	Steel tubes, pipes and fittings – SEIFSA Table 1
		0.08	Angles, Mild steel
		0.12	Foam insulation material
180	Lump sum contracts	0.02	WG 104 - Earthworks
		0.04	WG 110 - Concrete
		0.01	WG 114 - Reinforcement
		0.20	WG 116 - Brick and blockwork
		0.01	WG 120 - Waterproofing
		0.03	WG 122 - Non-metal roof coverings
		0.03	WG 124 - Metal roofing
		0.10	WG 126 - Carpentry and joinery
		0.04	WG 130 - Resilient floor and wall coverings
		0.01	WG 132 - Ironmongery
		0.05	WG 136 - Metal work
		0.08	WG 142 - In situ finishes
		0.03	WG 144 - Tiling
		0.02	WG 146 - Drainage
		0.10	WG 148 - Plumbing
		0.01	WG 150 - Glazing
0.04	WG 152 - Painting		
0.10	WG 160 - Electrical installation		
0.08	WG 190 - Preliminaries		
181	Commercial Industrial Buildings	0.02	WG 104 - Earthworks
		0.01	WG 106 - Piling
		0.06	WG 110 - Concrete
		0.05	WG 111 - Formwork
		0.01	WG 112 - Precast concrete
		0.04	WG 114 - Reinforcement
		0.04	WG 116 - Brick and block work
		0.01	WG 120 - Waterproofing
		0.02	WG 122 - Non-metal roof coverings
		0.02	WG 124 - Metal roofing
		0.01	WG 125 - Metal roofing (aluminium)
		0.06	WG 126 - Carpentry and joinery
		0.03	WG 129 - Ceilings
		0.04	WG 130 - Resilient floor and wall coverings
		0.01	WG 132 - Ironmongery
		0.02	WG 134 - Structural steel
0.02	WG 136 - Metal work		
0.02	WG 138 - Partitioning systems		
0.06	WG 142 - In situ finishes		
0.03	WG 144 - Tiling		
0.02	WG 146 - Drainage		

		0.10	WG 148 - Plumbing
		0.01	WG 150 - Glazing
		0.03	WG 152 - Painting
		0.02	WG 154 - Roadworks
		0.10	WG 160 - Electrical installation
		0.07	WG 170 - Mechanical services
		0.07	WG 190 - Preliminaries
190	Preliminaries	0.55	Labour cost - CPI
		0.30	Civil engineering plant
		0.15	Diesel oil (retail)
200		0.80	Reinforcement
		0.05	SEIFSA C1
		0.15	SEIFSA C1