

Template - Compliance Certificate
To be completed by trade contractor

ACCEPTANCE TEST

Anchor No:
Anchor Type:

Client:	Date:
Contract Name:	Job No:
Location:	Stressing Operator:

STRESSING		TENSION BAR DETAILS	
Date Stressed:		Diam of Bar:	mm
Jack Capacity:		Ultimate Tensile Stress	MPa
Jack ID:		Installed Length of Bar:	m
Gauge No:		Tendon Free Length, L_{fr} (stressing):	m
Displacement Measuring System:		Tendon Bond Length, L_b :	m
Working Load, T_D :	kN	Minimum Breaking Load, T_b :	kN
Test Load, T_P :	kN	Elastic Modulus E_t :	205 GPa
Lock Off Load, T_O :	kN	Tendon Area, A_t :	mm ²
		Anchor block identification	N/A

% Test Load, T_P	Load (kN)	Gauge Pressure (MPa)	Displacement (mm)		Ram Displacement (mm)	Remarks
			at 0 min	at 1 min		
0%					0	
20%					0	
40%					0	
60%					0	
80%					0	
100%					0	
after 15 min					0	
Lock off Load					0	

Calculate the theoretical elastic extension, δL_T		
Min extension ($0.9 \times L_{fr}$)		mm
Max extension ($0.9 \times L_{fr} + 0.5 \times L_b$)		mm
measured $\delta L_a = \text{measured } \delta L_P - \text{measured } \delta L_T$		mm
Result / Comments		

