

UTRACON STRUCTURAL SYSTEMS PTE LTD**CHECKLIST FOR PT WORK – INSTALLATION OPERATION**

PROJECT:		DATE:	
LOCATION:		TIME:	
COIL NO.:		WEATHER:	
ANCHOR BODY HEAT NO.:		Sunny	Cloudy
		Rainy	Stormy
DUCT PRODUCTION DATE:			

	ITEMS TO CHECK	CHECKED AND CONFORMED (YES / NO)	REMARKS
(a)	PT layout drawing		
(b)	Number of tendons		
(c)	Number of strands per tendon		
(d)	Tendon profile (vertical)		
(e)	Tendon spacing (horizontal)		
(f)	Position of anchorages		
(g)	Grout inlets and outlets		
(h)	Stressing and dead-end length		
(i)	Anti-bursting reinforcement		
(j)	Cleanliness of strand		

REMARKS:

USS REPRESENTATIVE	WITNESSED BY
NAME:	NAME:
SIGN:	SIGN:
DESIGNATION:	DESIGNATION:
DATE:	DATE:
WITNESSED BY	
NAME:	
SIGN:	
DESIGNATION:	
DATE:	

UTRACON STRUCTURAL SYSTEMS PTE LTD
CHECKLIST FOR PT WORK – STRESSING OPERATION

PROJECT:	DATE:				
LOCATION:	TIME:				
WEDGE PLATE HEAT NO:	WEATHER:				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Sunny</td> <td style="width: 25%;">Cloudy</td> <td style="width: 25%;">Rainy</td> <td style="width: 25%;">Stormy</td> </tr> </table>	Sunny	Cloudy	Rainy	Stormy
Sunny	Cloudy	Rainy	Stormy		
WEDGES BATCH NO.:					

	ITEMS TO CHECK	CHECKED AND CONFORMED (YES / NO)	REMARKS
(a)	Approval for stressing		
(b)	Cube strength (≥ 25 N/mm ²)		
(c)	Jack no. -		
(d)	Pressure gauge no. -		
(e)	Calibration validity		
(f)	Stressing pressure		
(g)	Theoretical elongation calculation		
(h)	Stressing record form		
(i)	Proper seating of wedge plates & wedges		

REMARKS:

USS REPRESENTATIVE	WITNESSED BY
NAME:	NAME:
SIGN:	SIGN:
DESIGNATION:	DESIGNATION:
DATE:	DATE:
WITNESSED BY	
NAME:	
SIGN:	
DESIGNATION:	
DATE:	

UTRACON STRUCTURAL SYSTEMS PTE LTD
CHECKLIST FOR PT WORK – GROUTING OPERATION

PROJECT:		DATE:	
LOCATION:		TIME:	

Material	Ratio	Qty.	WEATHER:				
Cement	1	150 kg	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">Sunny</td> <td style="width: 25%; text-align: center;">Cloudy</td> <td style="width: 25%; text-align: center;">Rainy</td> <td style="width: 25%; text-align: center;">Stormy</td> </tr> </table>	Sunny	Cloudy	Rainy	Stormy
Sunny	Cloudy	Rainy		Stormy			
Water	0.32	48 L					
Cebex 100	0.0022	330 g					
U-plast	0.0056	840 g					

ITEMS TO CHECK	CHECKED AND CONFORMED? (YES / NO)	REMARKS
(a) Patching of anchorage recesses		
(b) Flushing of tendons		
(c) Quantity and Ref. no. of Cement		
(d) Quantity and Ref. no. of Additives		
(e) Grout inlets & outlets		
(f) Grout pressure gauge no. and calibration validity		
(g) Test apparatus (flow cone, test moulds, sieve, wick-induced tubes etc.)		

REMARKS:

USS REPRESENTATIVE	WITNESSED BY
NAME: SIGN: DESIGNATION: DATE:	NAME: SIGN: DESIGNATION: DATE:

WITNESSED BY	
NAME: SIGN: DESIGNATION: DATE:	

UTRACON STRUCTURAL SYSTEMS PTE LTD
CHECKLIST FOR PT WORK – POUR WATCH

PROJECT:		DATE:	
LOCATION:		TIME:	
		WEATHER:	
		Sunny	Cloudy
		Rainy	Stormy

ITEMS TO CHECK	CHECKED AND CONFORMED? (YES / NO)	REMARKS
(a) Tendon positions intact		
(b) Tendon profiles intact		
(c) Ducts undamaged		
(d) Grout Vents undamaged		
(e) Anchorages intact		

REMARKS:

USS REPRESENTATIVE	WITNESSED BY
NAME: SIGN: DESIGNATION: DATE:	NAME: SIGN: DESIGNATION: DATE:

WITNESSED BY	
NAME: SIGN: DESIGNATION: DATE:	