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### Certificate Of Calibration

Calibrated for :P & B Testing  
 6645 West Tidwell  
 Houston Texas,77092

Report No:	10925	Calibration Interval:	1 Year
PO. No.:	85121	Calibration Date:	12/02/2019
Company No:	CPT18979	Calibration Due Date:	12/02/2020
Description:	Rockwell Hardness Tester	Serial No:	CPT18979
Model No:	CPT	Manufacturer:	Clark
Temperature:	64°F	Humidity :	41.00 %RH
Cal. Procedure:	FCP-6		

THIS DOCUMENT IS TO CERTIFY THAT THE AFOREMENTIONED HARDNESS TESTER PASSED VERIFICATION BY INDIRECT METHOD IN THE RANGES LISTED BELOW USING A TEST BLOCK CALIBRATED IN THE STANDARDIZATION LABORATORY OF THE BLOCK MANUFACTURER (SUNTEC). ALL TESTS WERE PERFORMED IN ACCORDANCE WITH OUR QUALITY MANUAL AND THE LATEST REVISION OF ASTM E18 AND / OR E103. THERMO-TEMP INC. QUALITY ASSURANCE PROGRAM FOLLOWS THE REQUIREMENTS STATED IN ANSI / NCSL Z540-1.

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Asset Requirements: 0

#### VERIFICATION TEST DATA

TEST BLOCK	SERIAL NO	HARDNESS TESTER READINGS					(AS FOUND/AS LEFT)		
		RD1	RD2	RD3	RD4	RD5	Average	Error	Repeatability
HR C      24.80+/-1.00	192404 56	24.00	24.10	23.90	24.00	24.00	24.00	-0.80	0.20
HR C      40.90+/-1.00	174154	40.40	40.30	40.10	40.30	40.10	40.24	-0.66	0.30
HR C      62.90+/-0.50	186200 36	62.60	62.50	62.40	62.50	62.50	62.50	-0.40	0.20
HR Bw     43.60+/-2.50	194001 20	45.10	45.20	45.20	45.10	45.00	45.12	1.52	0.20
HR Bw     80.20+/-1.00	177823	79.40	79.50	79.30	79.40	79.30	79.38	-0.82	0.20
HR Bw     94.50+/-1.00	189403 85	94.00	94.10	94.00	93.90	93.90	93.98	-0.52	0.20

Calibration Performed By:			Certificate Authorized By:		
Jeromy Holman	Technician		Kevin Green	12/2/2019	
Name	Title	Signature	Field Services Manager	Date	Signature