CEM CORPORATION
CERTIFICATE OF CALIBRATION

CEM Corporation hereby certifies that of this date the CEM instrumentation, as specified below, meets or exceeds all published specifications and has been calibrated using standards traceable to the National Institute of Standards and Technology (NIST). Records pertaining to these standards are on file and are available for examination.

CERTIFICATE NUMBER	26819	INSTRUMENT SERIAL NUMBER	MD2307
DATE OF CALIBRATION	12-Feb-2009	INSTRUMENT MODEL	MARS 5
EXPIRATION DATE	12-Feb-2010		

CALIBRATION DATA

MARS ESP VALUE 1	4276	EXT. PRESSURE VALUE 1	N/A	INNER IR VALUE	650
MARS ESP VALUE 2	4272	EXT. PRESSURE VALUE 2	N/A	OUTER IR VALUE	677
MARS ESP VALUE 3	0544	EXT. PRESSURE VALUE 3	N/A		
MARS ESP VALUE 4	0544	EXT. PRESSURE VALUE 4	N/A		
MARS ESP VALUE 5	6644	EXT. PRESSURE VALUE 5	N/A		
MARS ESP VALUE 6	2474	EXT. PRESSURE VALUE 6	N/A		

THERMO-OPTICS SCALER VALUE: N/A

CALIBRATION STANDARDS USED

ID NO.	DESCRIPTION	SERIAL NUMBER	CAL. DUE DATE	REPORT NO.
C201	CEM 565350 ESP/EST CIRCUIT CALIBRATOR	CD1147	06/17/2009	16058
C225	Hart Scientific 4014 IR Calibrator	A11084	03/14/2009	1000509490

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CEM CERTIFIED

Certified To ISO9001:2000