Thermometry, United Kingdom, NPL (National Physical Laboratory)

Calibration or Measurement Services			Measurand Level or Range			Measurement Conditions/Independent variables		Expanded Uncertainty						
Quantity	Instrument or artifact	Instrument Type or Method	Minimum value	Maximum value	units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	Comments	NMI Service Identifier
Temperature	Cell for contact thermometry	Triple point of Hydrogen for capsule SPRT	13.8033	13.8033	K			0.0004	K	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Triple point of Neon for capsule SPRT	24.5561	24.5561	K			0.0004	K	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Triple point of Oxygen for capsule SPRT	54.3584	54.3584	K			0.0003	K	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Triple point of Argon for capsule SPRT	83.8058	83.8058	K			0.00025	K	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Triple point of Mercury	234.3156	234.3156	K			0.0002	K	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Melting point of Gallium	29.7646	29.7646	°C			0.0002	°C	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Freezing point of Indium	156.5985	156.5985	°C			0.0007	°C	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Freezing point of Tin	231.928	231.928	°C			0.0006	°C	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Cell for contact thermometry	Freezing point of Zinc	419.527	419.527	°C			0.0009	°C	2	95%	No	Approved on 18 May 2004	PK01
Temperature	Capsule-type SPRT	Calibration by comparison	13.8033	24.5561	K			0.001	K	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Capsule-type SPRT	Calibration by comparison	24.5561	302.9146	K			0.0005	K	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Argon triple point	-189.3442	-189.3442	°C			0.0008	°C	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Mercury triple point	-38.8344	-38.8344	°C			0.0004	°C	2	95%	No	Approved on 18 May 2004	PM02

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Calibration or Measurement Services			Measurand Level or Range			Measurement Conditions/Independent variables		Expanded Uncertainty						
Quantity	**Instrument or artifact**	**Instrument Type or Method**	**Minimum value**	**Maximum value**	**units**	**Parameter**	**Specifications**	**Value**	**Units**	**Coverage Factor**	**Level of Confidence**	**Is the expanded uncertainty a relative one?**	**Comments**	**NMI Service Identifier**
Temperature	Long-stem SPRT	Calibration at Gallium melting point	29.7646	29.7646	°C			0.0004	°C	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Indium freezing point	156.5985	156.5985	°C			0.0007	°C	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Tin freezing point	231.928	231.928	°C			0.0007	°C	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Zinc freezing point	419.527	419.527	°C			0.0009	°C	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Aluminium freezing point	660.323	660.323	°C			0.0025	°C	2	95%	No	Approved on 18 May 2004	PM02
Temperature	Long-stem SPRT	Calibration at Silver freezing point	961.78	961.78	°C			0.004	°C	2	95%	No	Approved on 18 May 2004	PM02