**APPLICATION FOR TYPE (PATTERN) APPROVAL**

***NOTE:*** *This application will not be processed until all relevant supporting documents are provided. An on-site examination/pattern evaluation may be required depending on the type of pattern.*

**Type of pattern approval application required:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Full Approval |  |  | Overseas Approval |  |  | In-situ Approval |  |
|  |  |  |  |  |  |  |  |
| Amendment |  |  | Extension |  |  | Variant |  |

**Name of applicant (submitter):**

**Are you the owner of the equipment:** **YES / NO** (if ‘NO’ provide the owner details as below and a confirmation)

**Address:**

**Telephone:**  **Facsimile:**

**Contact person:** **Position:**

**Email:**

|  |  |  |
| --- | --- | --- |
| **Name and address of the owner:**            *Provide confirmation for the applicant to act as an authorised person to submit the application.* |  | **Name and address of the manufacturer:** |

**Type of Instrument** (weighing instrument, driveway flowmeter, etc)

**Make** **Model**

**Trading Standards Cert No.:** (if approved) ………………..

|  |  |
| --- | --- |
| WEIGHING INSTRUMENT | LIQUID/MASS MEASURING INSTRUMENT |

|  |  |
| --- | --- |
| Class:  Maximum Capacity: 1 2 3  Verification Scale  Interval (e): 1 2 3  Number of Verification  Scale Intervals (n): 1 2 3  Scale Interval (d): (if Class II)  Minimum Capacity (Min):  Maximum Tare:  Indicator (Make/Model):  Load Cell (Make/Model/No):    Load Cell Capacity:  Number of Load Cells:  Trading Standards Cert No.:  *(if application for extension or variant)*  Other Features: | Class:  Display Capacity:  Display Interval:  Minimum Delivery:  Maximum Flowrate:  Minimum Flowrate:  Types of Liquid/product:  Flowmeter (Make/Model):    Indicator (Make/Model):    Pump(Make/Model):  Other Features:    Air Eliminator (Make/Model):  Pulser (Make/Model):  Temperature Compensation: YES/NO  Other Features: |

|  |  |
| --- | --- |
| LOAD CELLS **(incorporated in weighing system)**  ***Note:*** *Trading Standards does not approve loadcells separately only complete weighing systems*  Class:  Maximum Number of Verification  Scale Intervals (n):  Output Rating: mV/V  Input Impedance: Ω  Output Impedence: Ω  Supply Voltage Range  (excitation): V  Cable Length (nominal):  Number of Leads:  Bolt Torque (if applicable):  Other Features: | **INDICATORS**  Maximum Number of Verification  Scale Intervals e (n):  Fraction P:  Output Current Rating: mA  Output Impedance: Ω  Supply Voltage: V  Input Sensitivity: µV  Maximum Number of Load Cells:  Maximum Number of Bases:  Range of Number of e:  Other Features: |

|  |  |
| --- | --- |
| LENGTH MEASURING INSTRUMENTS | CONTINUOUS TOTALISING AUTOMATICWEIGHING INSTRUMENTS |
| Class:Maximum Capacity:Minimum Measurable Length:Scale Interval:Maximum Speed:Product: | Class:Continuous Totalisation Scale Interval (dt):kg or tDiscontinuous Totalisation Scale Interval (dtd):kg or tNominal Speed of the Belt Weigher (v):m/sMaximum Flowrate (Qmax):kg/h or t/hMinimum Flowrate (Qmin):kg/h or t/hMaximum Capacity (Max):kg or tWeigh Length (L): m |

|  |  |
| --- | --- |
| AREA MEASURING INSTRUMENTSMaximum Measurable Area:Scale Interval: | **MEASURES OF VOLUME**  (E.g. Firewood//General Landscape product etc.) 1. Volume: (volume will be finally determined by the Inspector) Product:1. Volume: (volume will be finally determined by the Inspector) Product: |
| OTHER CATEGORIES(e.g. Weights, Measures of Length, Volume)Nominal Values: |  |

## Description of other components/instruments not covered by the above:

**Intended purpose:**

**List and description of variants applicable to this application:**

**Are test results/overseas approvals submitted with this application? YES/NO**

If YES, who is the legal metrology authority?

Is the authority a full member of OIML?

**Are drawings and documentation being supplied with this application? YES/NO**

Drawings:

Manuals:

**Overseas Approvals:**

**Test Results:**

Photographs:

Brochures:

Other Information:

**Application Fee ($125/hour) Purchase Order No:**

**Have drawings and documents been supplied for another application:** YES/NO

If YES, detail application number(s) Date:

**Expected date for availability of the instrument for examination:**

**An on site examination/initial verification may be required for this application**

If so, where is the on site location?

If the instrument is supplied to the Trading Standards laboratory packed, will the applicant be installing the instrument prior to the pattern examination? YES/NO

Signed: Date:

**Note**: Some testing may take place at a third party laboratory other than Trading Standards. By signing this form it is deemed that you are giving your approval for this testing to take place and you agree with any conditions laid down in this document

If you have any specific time constraints with your application, please discuss with the Approvals Officer.

**Once completed return the application form:**

**In person: to nearest Trading Standards Office**

**Email:** [typeapproval@mbie.govt.nz](mailto:typeapproval@mbie.govt.nz)

**POST: Trading Standards. PO Box 19543, Avondale, Auckland 1746**