

POLICY			
Policy Number	LM-P-028-07-12	Compiled by: HP Ferreira	Signature: 
Effective Date	18 July 2012		
Version No:	1	Approved by: J Marnebeck	Signature: 
File name:	LM-P-028-07-12-SANS1649:2011-Type Approval		

## 1. Scope

This policy describes gives clarity on the Type Approval application of certain new clauses of SANS1649:2011 regarding type evaluation of NAWI's.

## 2. Reference documents

SANS1649:2011.

## 3. Policy

### 3.1 General

All applicable instruments that were registered with Type Approval before 18 July 2012 will be evaluated/ tested using SANS1649:1995 as the normative reference.

All applicable instruments that are newly registered with Type Approval on or after 18 July 2012 will be evaluated/ tested using SANS1649:2011 as the normative reference.

### 3.2 Classification of instruments

**“3.2.6** For road vehicle scales (weighbridges), the maximum weighing capacity (Max) shall not exceed 60 t, unless individually type approved for a specific application by the national responsible body (see foreword).”

Any **road vehicle scale** installed/commissioned on or after 18 July 2012, irrespective whether it was type approved before this date, shall not have a maximum capacity exceeding 60 t, unless it was specifically type approved to have a maximum capacity of more than 60 t at a specific installation site, and this is described in the pattern description.

### 3.3 Special applications above 60 t maximum capacity

Where extraordinary conditions requiring the use of an instrument above 60 t maximum capacity exists, a special application may be submitted to Type Approval.

A declaration letter from the user of the instrument for the need of a higher capacity instrument shall be submitted.

The following information needs to be included in the declaration letter from the user:

- Name and Address of user of instrument
- Place (address/ coordinates) of installation of instrument.
- Reasons why a higher capacity instrument is required.
- Letter needs to be signed and dated by user.

POLICY			
Policy Number	LM-P-028-07-12	Compiled by: HP Ferreira	Signature: 
Effective Date	18 July 2012		
Version No:	1	Approved by: J Marnebeck	Signature: 
File name:	LM-P-028-07-12-SANS1649:2011- Type Approval		

### 3.4 Weighing test using substitution material

As per clause A.4.4.5 the use of substitution material (make-up mass) applies only to verification, which means that when testing for the purpose of type approval all tests shall be performed with the full complement of standard weights equal to the maximum capacity for the instrument under test except when the following instruments are tested for the purpose of type approval:

- a) Hopper scales –substitution material (make-up mass) may be used,
- b) Vehicle scales used solely for weighing rail wagons –substitution material (make-up mass) may be used, the requirements of SANS1649:2011, Clauses 3.7.3 are applicable to determine the portion of standard weights to be used when testing these instruments.

Note: When testing road/rail combination vehicle scales the full complement of standard weights are required.