



**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

S.WA-694

Revision 2

This circular supersedes Circular S.WA-694  
dated July 14, 1971

Ottawa, December 5, 1978

TOLEDO - TRUCK AND TRACK SCALES - SERIES 840

MANUFACTURER: Toledo Scale  
Division of Reliance Electric Ltd.  
Mississauga, Ontario

DEVICES APPROVED: Platform vehicle scales, equipped with any of the  
following types of Toledo indicating equipment:

Mechanical Dial: Any compatible Toledo dial head with or  
without beams, unit weights and weight printer.

Beam: Full capacity or type registering, including model 4300 with the  
"Unit Poise" feature.

Electronic: Lectrolever system utilizing Toledo digital  
indicator model 8130, or any other approved Toledo electronic  
indicator of analog or digital type, in conjunction with any  
compatible accessories of approved type.

Scale Model Number	Indicator Type		No. of Sections	Maximum Capacity	
	Mech. Dial	Beam		Pounds	Kilograms
840-2592	840-4312	--	2	32,500	15,000
840-2692	840-4322	840-2694	2	45,000	20,000
840-2792	840-4332	840-2794	2	80,000	35,000
840-2781	840-4352	840-2784	4	112,500	50,000
840-2891	840-4362	840-2894	4 or 5	125,000	60,000
840-2875	840-4382	810-840-2875	4 or 5	200,000	100,000

Scales with electronic readout have the indicator model number added  
as a suffix to the scale model number.

APPLICATION: The weighing of loaded and unloaded highway trucks or  
railway cars in trade. Scales may be installed as combination units  
for both track and truck weighing.

DESCRIPTION: These scales may be constructed in two, four or five-  
section arrangements. Main levers are T shaped and act upon a full-  
length backbone lever which in turn actuates the transfer lever. All  
levers are of welded construction, utilizing steel pipe and structural  
sections. Levers are supported by parallel link suspension assemblies.

DESCRIPTION: (cont'd)

The Lectrolever feature utilizes an electrical resistance strain gauge load cell connected to the transfer lever of the scale, the load cell output being amplified and fed to the indicator.

Decks may be constructed of concrete or wood or steel.

TESTING: The standard tests for motor truck scales and railway track scales, as appropriate, shall apply.

REFERENCE: G6922-T170-15.

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C.1970-71-72, Chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.

*John Armstrong*

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Legal Metrology Branch

