



Consumer and  
Corporate Affairs

Consommation et  
corporations

Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

S.WA-726

Ottawa, November 20, 1975

SALTER DIAL TYPE SUSPENDED SCALE - MODEL 299

Manufactured by: George Salter and Co. Ltd.  
West Bromwich, England

(for) Britman Limited,  
Oshawa, Ontario

Apparatus: Dial Type Suspended Scale, Model 299

Rating: Maximum capacity, 10,000 pounds or metric  
equivalent.

Application: The weighing of relatively cheap materials  
in trade.

Description: This scale is spring resistant type, utilizing  
a pair of calibrated helical springs mounted in parallel and  
subjected to tension loading. As the springs are extended under  
loading a toothed rack follows in unison and acts to rotate the  
indicator pointer by driving a pinion attached to the pointer  
shaft.

The weighing load acts through a set of two  
levers so proportioned as to appreciably reduce the load force  
being applied to the resistant springs. Flexible metal plates  
are used at pivot points rather than the conventional pivot and  
bearing arrangement.

The scale is suspended by means of a steel  
clevis which is connected to the load carrying mechanism within  
the scale housing. A swivelling crane type hook is used for load  
suspension.

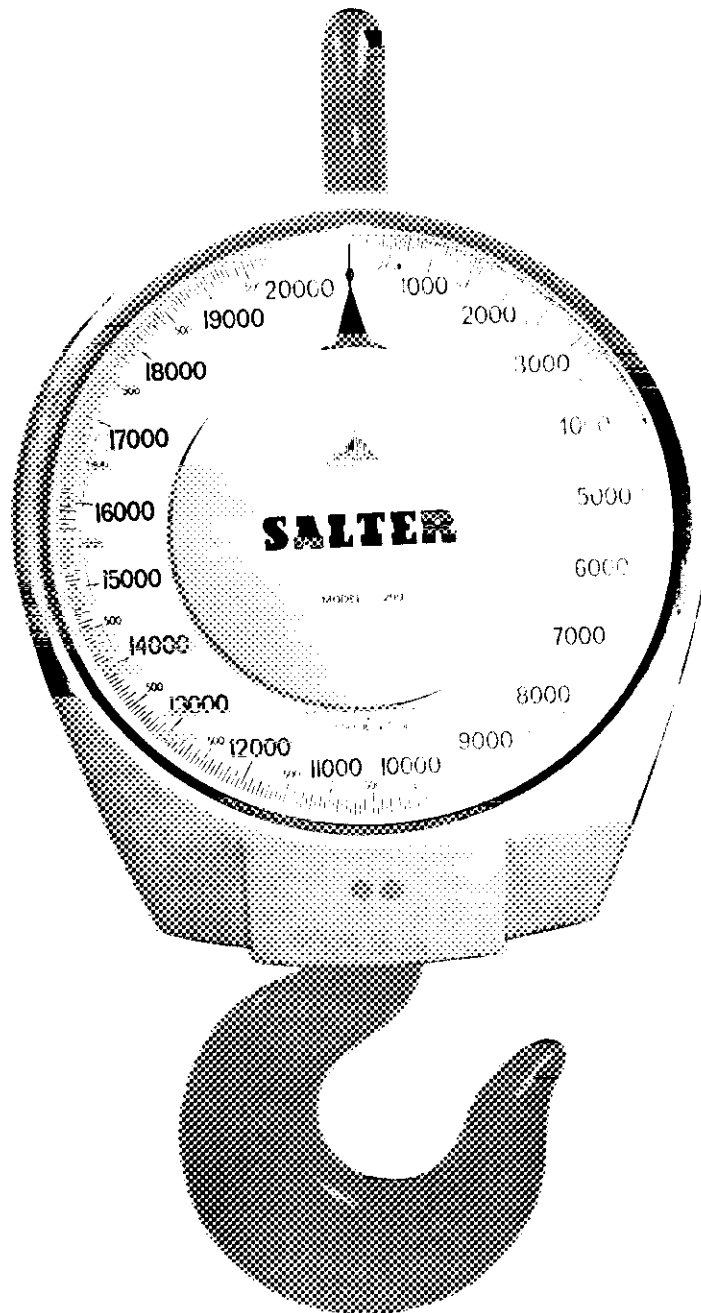
The scale housing is of cast aluminum with  
enamel finish. The weighing system is damped by means of two  
each of oil and air dashpots.

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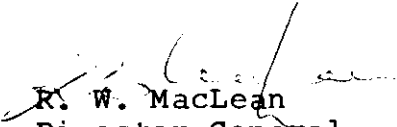
Testing:                   The standard tests for crane scales shall  
apply.

Reference:                GL1153-57/502-109

Special Conditions:

1. The use of this scale is restricted to weighing materials where charges do not exceed 5 cents per pound.
2. Tolerance is to be 0.5% of applied load or 0.125% of capacity, whichever is greater.

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. 1074-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.

  
R. W. MacLean  
Director General  
Standards Directorate