

Leslie Charles Labuschagne hereby states under oath in English that I am an adult white male, 61 years of

- 1) Wonder Steam Trains Pty Ltd specialises in the repair and restoration of steam locomotives and rolling stock. We rebuild steam locomotives from the frame up to completion and registration with the Department of Labour. We are the only company in South Africa that restores steam locomotives. I am a qualified steam locomotive driver. I hold a diploma in train driver duties, summa cum laude in advanced train handling and I am a qualified fireman. My certificates are attached. My duties also include but are not limited to conducting all running repairs on steam locomotives that are booked in the repair book by the driver after the locomotive returns to the depot after a trip.
- 2) The class 15C No 2850 that is in the possession of Wonder Steam Trains Pty Ltd is of the same class as No 2045. 2045 was introduced into service between 1926 and 1930. There is no difference between the two locomotives apart from the regulator of the two engines. 2045 had a double beam regulator and 2850 had a multiple valve regulator. The one has a long handle as a regulator and the other has a short lever regulator. They hauled passenger and freight trains of various lengths and weight during their time of service. The frames, shapes, sizes and tenders were all the same.
- 3) Class 15CA No 2045 no longer exists. It was cut up for scrap with many others. Diesel and electric locomotives were introduced into service and steam locomotives of all classes were gradually phased out and the manufacturers in Great Britain, Germany and the United States closed down.
- 4) A 60 axle train would consist of fifteen (15) wagons. Each wagon has four (4) axles.
- 5) FZLS wagons are closed box cars with lockable doors. They are used for transporting freight that must remain dry and safe. These could also be used for sugar bag transporting. Tankers would be used to transport the syrup.
- 6) FZLS wagons are 17 meters from buffer to buffer and a standard tanker measures 15.8 meters buffer to buffer. There are various types of tanker wagons and box car wagons.
- 7) The guards van is normally located at the end of the train and that's where the guard travels. The length of the guards vans differ slightly but based on what we have in our possession, it measures thirteen (13) meters. The purpose of the guards van is for additional braking of the train when necessary and the guard authorises the train driver when to depart from a station, siding and a halt.
- 8) The braking system on 2045 would be of the vacuum type. The braking force of a train is calculated as average axle-mass load. This calculation determines the effectiveness of the brakes on the train. The greater the train axle-mass load is, the less effective the brakes will be.
- 9) The stopping distance of a train hauled by any type or class of locomotive is calculated as follows: in this case a class 15CA No 2045...
 - $767 \text{ ton} \times 40 \text{ km/h} = 30680$
 - $30680 \div 40 \text{ kn} = 767 \text{ m.}$
 - 40kn is the brake block pressure applied to the wheel when a full brake application is made by the driver.
 - I know and understand the contents of this statement and I have no objection in taking the prescribed oath. I consider the prescribed oath to be binding on my conscience.



Verklaring dat bestaande verklaring den
afgevaardigde is en dat die verklarings-erken-
tenis/vertrouwen is met die inhoud van hierdie
verklaring en dit begrip. Hierdie verklaring, o
voor my bevestig/overleg en verklaring, o
handtekening/merk/druk is in my teen-
woordigheid daarop aangelegd.

Verify that the above-statement was taken
by me and that the deponent has acknow-
ledged the same knows and understands the
nature of this statement. This statement was
signed before me and deponent's
signature/merk/fingerprint was placed thereon
in my presence.

S.M.

23-10-05

te RETORIA

op 2023-10-05 om 12:00

S. Nawa

(HANDTEKENING) KOMMISSARIS VAN EDE
(SIGNATURE) COMMISSIONER OF OATHS

SURNAME NAWA

VOLLE VOORNAME EN VAN IN DRUKSKRIF
FULL FIRST NAMES AND SURNAME IN BLOCK LETTERS

136 VICTORIA EMBARRASMENT STREET.

WES WERDSADRES (STRAATADRES)
WESTERN ADDRESS (STREET ADDRESS)

DURBAN.

LT. COLONEL.

DA POLSIE
DA POLICE