

CANCELLED



NATIONAL STANDARDS COMMISSION
WEIGHTS AND MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 8/25A

This is to certify that an approval has been granted by the Commission that the pattern and variant of the

Alfa-Laval Farm Milk Tank

Submitted by Alfa-Laval Hamilton Pty Ltd
62-66 Keon Parade
Keon Park Victoria 3073

are suitable for use for trade.

This approval is issued upon completion of a review of approval No 8/25 which expired on 24/8/84 with the effect that no new instruments purporting to comply with that approval will be accepted for verification after that date.

This approval is subject to review on or after 1/9/89.

Instruments purporting to comply with this approval shall be marked NSC No 8/25A.

This approval may be withdrawn if instruments are constructed and used other than in accordance with the drawings and specifications lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 24/8/84

. A refrigerated farm milk tank of 3000 litres capacity.

Variant: approved 24/8/84

1. In other capacities as listed in Table 1.

Technical Schedule No 8/25A describes the pattern and variant 1.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 8/25A dated 12/9/84
Technical Schedule No 8/25A dated 12/9/84 (including Table 1)
Test Procedure No 8/25A dated 12/9/84
Figures 1 to 6 dated 12/9/84.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 8/25A

Pattern: Alfa-Laval Farm Milk Tank

Submitter: Alfa-Laval Hamilton Pty Ltd
62-66 Keon Parade
Keon Park Victoria 3073

1. Description of Pattern

The pattern (Figures 1 to 3 and Table 1) is a refrigerated farm milk tank of 3000 litres capacity. The tank is a horizontal stainless steel cylinder having a minimum wall thickness of 1.6 mm and an internal width of 1600 mm, sheathed in an outer casing of stainless steel 1.6 mm thick. The refrigerated bottom slopes towards the outlet. The top of the tank is fitted with two dipstick sockets, an agitator motor, an inspection hole, temperature-measuring equipment, a boss carrying the handle for operating the internal plug and a fitting for in-place cleaning.

1.1 Dipstick and Sockets

The critical dimensions of the dipstick and sockets are shown in Figure 4.

The dipstick sockets are marked A and B respectively and are diagonally opposite. Adjacent to one or both sockets is a notice advising that the level condition of the tank is to be adjusted if dipstick readings from both sockets differ by more than 1 mm.

1.2 Levelling

Levelling is effected by means of adjustable legs which are fitted with lock nuts. Level marks on the outside of the tank are in the same horizontal plane as the level mark on the rear of the dipstick and are marked LEVEL MARK. (Figure 5)

A plumb-bob level indicator (Figure 6) for showing the transverse-level condition, is attached to the outer sheathing at the discharge end. If the plumb line touches the sides of the bottom slot, the transverse-level condition is incorrect.

1.3 Marking

1.3.1 Nameplate

The following is marked on a nameplate permanently attached to the instrument in a clearly visible location:

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 8/25A
Maximum capacity	MaxL

The nameplate is also marked DESIGNED FOR EVERYDAY PICK-UP

1.3.2 Removable Fittings

Removable fittings, such as outlet stop cocks, shall be marked with the serial number of the tank.

1.4 Verification

Provision is made for a verification mark to be applied.

2. Description of Variant 1

In other capacities as per Table 1.

TABLE 1

Capacity L	Length Overall mm	Number of Legs
1100	1390	4
1800	2210	6
2300	2667	6
3000	2895	6

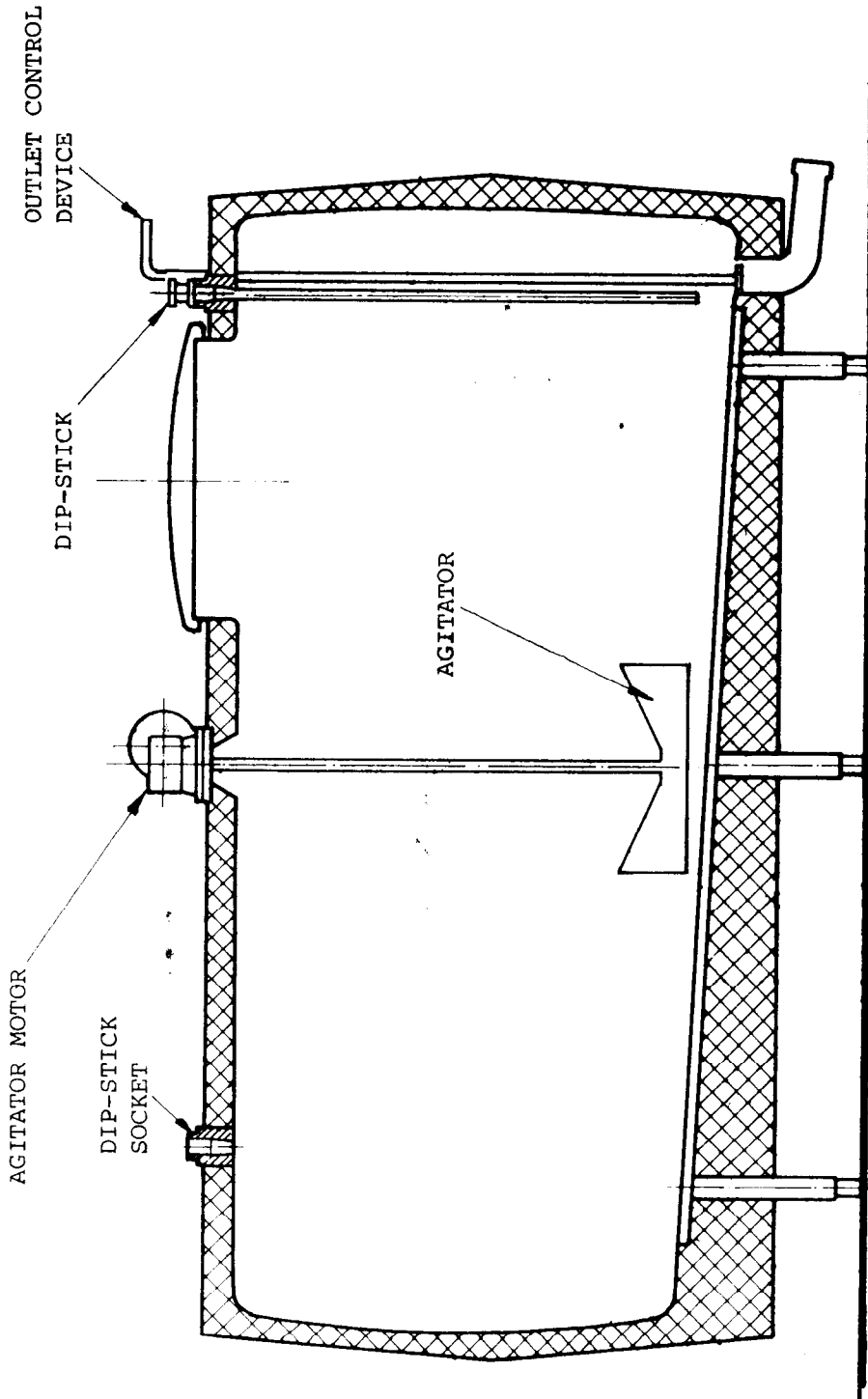
TEST PROCEDURE No 8/25A

1. Check that the tank is in its calibrated attitude by reference to the level marks which should all be coincident¹ in the horizontal plane within ± 1 mm.
2. Check that the tank is correctly calibrated². The maximum permissible error is ± 1 graduation.
3. Check that the tank drains² satisfactorily.

Note:

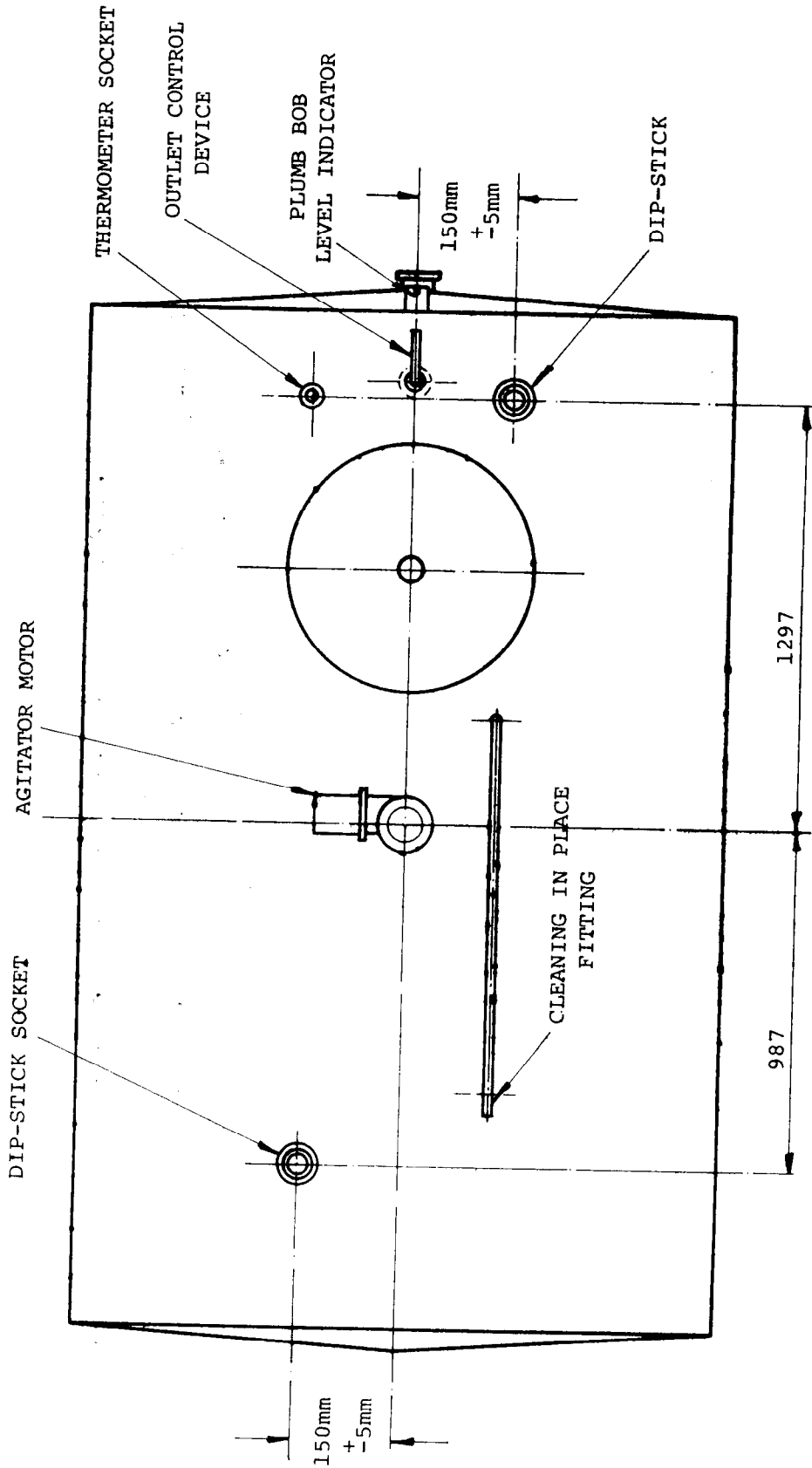
1. May be made with a Roman Level
2. See SAA Code AS1187-1977 for methods of tests.

FIGURE 8/25A - 1



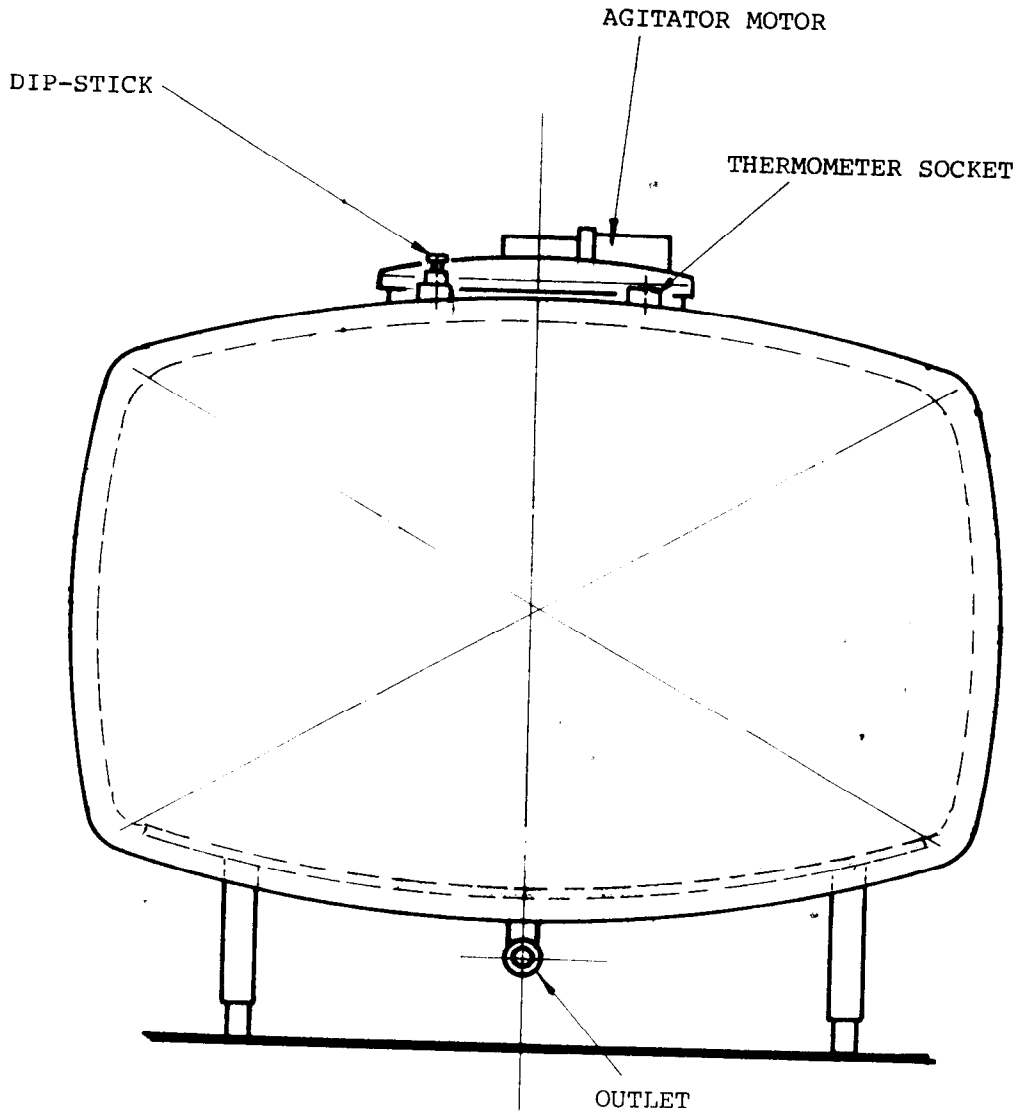
Cross-sectional Elevation

FIGURE 8/25A - 2



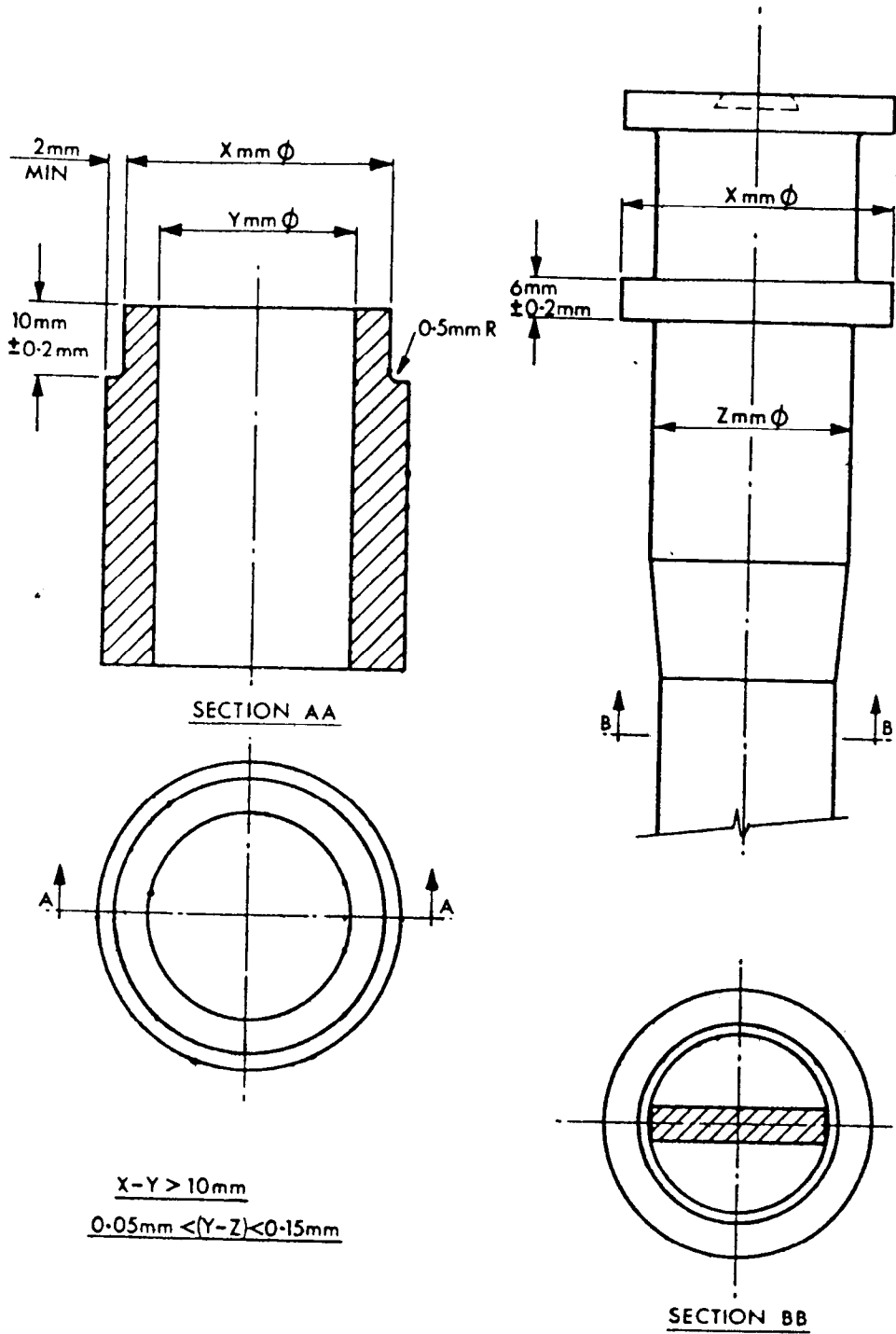
Plan View

FIGURE 8/25A - 3



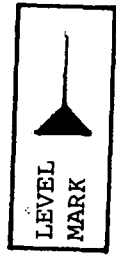
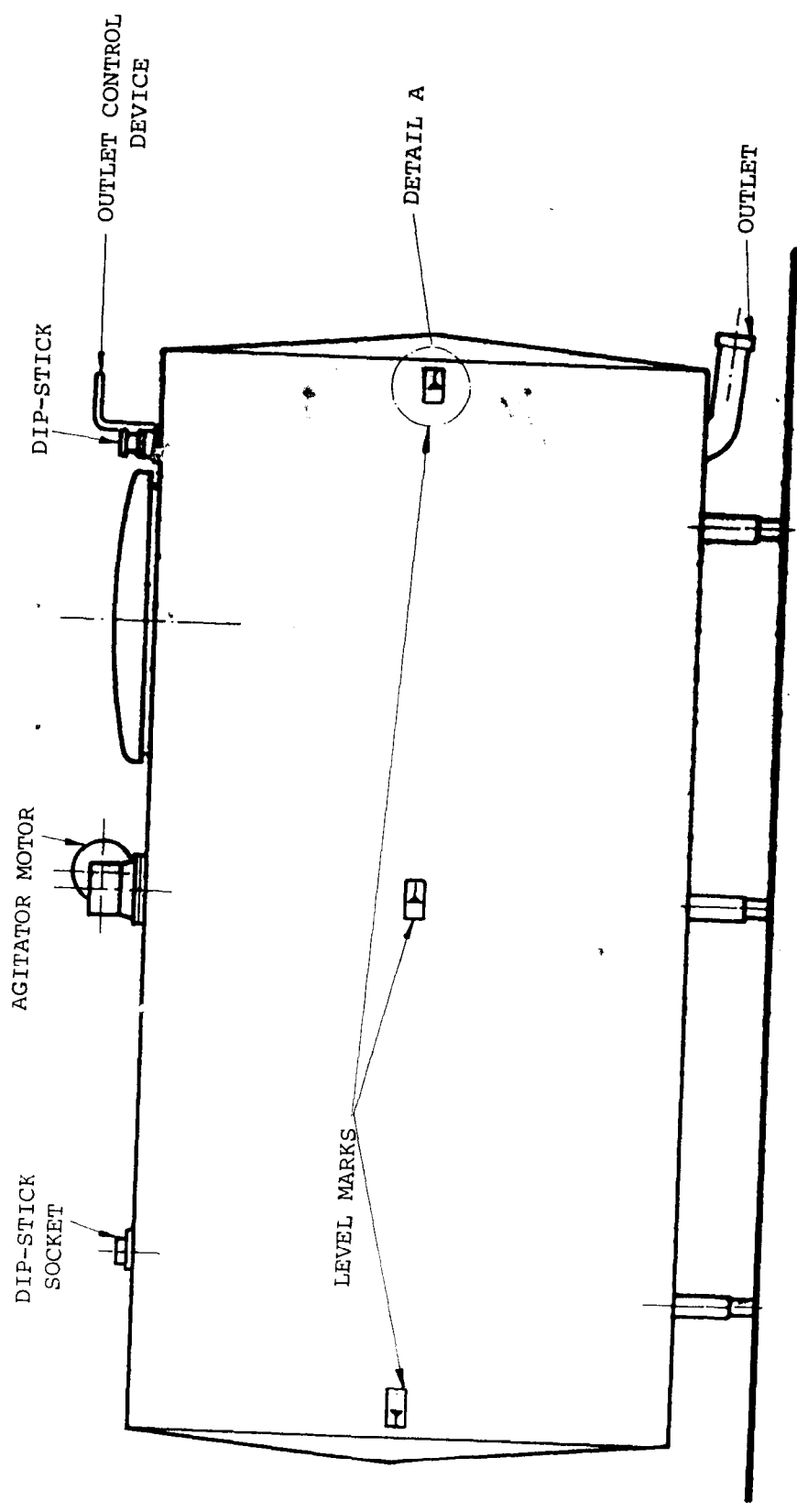
End Elevation

FIGURE 8/25A - 4



Detail of Dipstick Socket and Boss

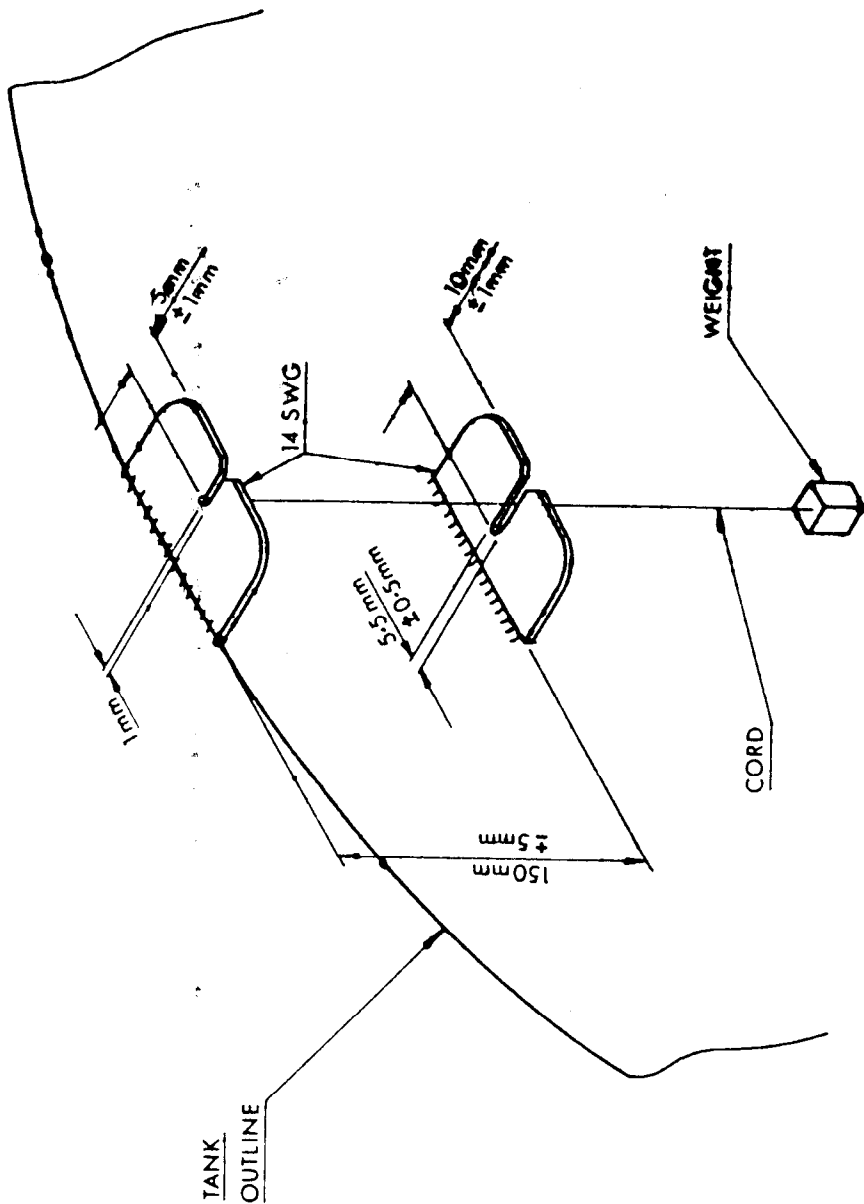
FIGURE 8/25A - 5



DETAIL A

Side View

FIGURE 8/25A - 6



Plumb-bob Level Indicator