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**STANDARD PREPARATION AND
DISPOSAL DUTIES**

FOR

MULTIPLE UNIT DIESEL TRAINS

(1-, 2-, 4-, 6- AND 8-CAR UNITS)

**STANDARD FULL PREPARATION DUTIES FOR
1-, 2-, 4-, 6- AND 8-CAR MULTIPLE UNIT DIESEL TRAINS**

1. Open driving compartment door at leading end, enter and check:-
 - (a) Handbrake "ON".
 - (b) Detonator case intact.
 - (c) Close battery control circuit switch (Yale key).
 - (d) Route indicators (headlamps).
 - (e) Destination indicator, re-setting as required.
2. Proceed to first engine. Observe fuel level in adjacent tank. Start engine and run till throttle motor takes over.
3. Repeat for second engine on same side (opposite side in case of 2-car set).
4. Repeat for third engine on same side (opposite side in case of 4-car set).
5. Repeat for fourth engine on same side (opposite side in case of 6-car set).
6. Pass round end of train and repeat for fifth engine (8-car set).
7. Repeat 2 for sixth engine.
8. Repeat 2 for seventh engine.
9. Repeat 2 for eighth engine.
10. Proceed to first intermediate driving compartment (see instructions under "Enter rear driving compartment" in the case of 2-car set) and check:-
 - (a) Handbrake "OFF".
 - (b) Detonator case intact.
11. Repeat 10 at second intermediate driving compartment (4-, 6-, 8-car sets).
12. Repeat 10 at third intermediate driving compartment (6-, 8-car sets).
13. Repeat 10 at fourth intermediate driving compartment 6-, 8-car sets).
14. Repeat 10 at fifth intermediate driving compartment (8-car set).
15. Repeat 10 at sixth intermediate driving compartment (8-car set).
16. Enter rear driving compartment and check:-
 - (a) Handbrake "OFF".
 - (b) Detonator case intact.

- (c) Engine indicator lights for engines running.
- (d) Route indicators (blank).
- (e) Destination indicator.
- (f) Air pressure.

17. Descend to ground and return to leading driving compartment.

18. Enter leading driving compartment and :-

- (a) Stop all engines when air pressure is correct (at least 80 lbs./sq. in.).
- (b) Place A.W.S. key into position and move to "ON". Insert reversing lever and brake handle.
- (c) Select direction of travel, checking final drive indicator lights.
- (d) Re-start all engines from compartment and check indicator lights.
- (e) Depress and release A.W.S. reset button, run engines and check that 21in. and 28in. of vacuum is obtained on train pipe and reservoir gauges respectively.

19. Release throttle handle and release handbrake, checking at the same time the correct operation of the deadman's device, the vacuum brake handle being in the "lap" position.

STANDARD (PART) PREPARATION DUTIES FOR

1-, 2-, 4-, 6- AND 8-CAR MULTIPLE UNIT DIESEL TRAINS WHEN INITIAL PREPARATION WORK HAS BEEN CARRIED OUT BY MAINTENANCE STAFF

1. Open driving compartment door at leading end, enter and check :-

- (a) Handbrake "ON".
- (b) Air pressure over 75lb./sq. in.
- (c) Detonator case intact.
- (d) Close battery control circuit switch (key).
- (e) Route indicators (or headlamps).
- (f) Destination indicator.
- (g) Place A.W.S. key into position and move to "ON". Insert reversing lever, select direction of travel and check final drive indicator lights.
- (h) Start all engines, and check indicator lights.

2. Proceed to first intermediate driving compartment (see instructions under "Enter rear driving compartment" in the case of 2-car set) and check :-

- (a) Handbrake "OFF".
- (b) Detonator case intact.

Repeat 2 at second intermediate driving compartment (4-, 6-, 8-car sets).

4. Repeat 2 at third intermediate driving compartment (6-, 8-car sets).
5. Repeat 2 at fourth intermediate driving compartment (6-, 8-car sets).
6. Repeat 2 at fifth intermediate driving compartment (8-car set).
7. Repeat 2 at sixth intermediate driving compartment (8-car set).
8. Enter rear driving compartment and check:-
 - (a) Handbrake "OFF".
 - (b) Detonator case intact.
 - (c) Route indicator (blank).
 - (d) Destination indicator.
 - (e) Engine indicator light for engines running.
9. Return to leading driving compartment, check that at least 80lb./sq. in. air pressure is available, depress and release A.W.S. reset button, check that 21in. and 28in. of vacuum is obtained on train pipe and reservoir gauges respectively. Release throttle handle and release handbrake, checking at the same time the correct operation of the deadman's device—the vacuum handle being in the "lap" position.

STANDARD DISPOSAL DUTIES FOR

1-, 2-, 4-, 6- AND 8-CAR MULTIPLE UNIT DIESEL TRAINS

When train is stabled

To include stopping engines, removing control keys, applying handbrake, closing driving compartment doors in front and rear cabs of train.