

**AUSTRALIAN AUTOMOTIVE RESEARCH CENTRE
SAFE OPERATING PROCEDURE # 55
DYNAMIC HANDLING FACILITY (Page 1 of 3)**

GENERAL:

Test vehicles using the Dynamic Handling area at speed, and therefore entering for test manoeuvres via the ADR circuit, shall be fitted with a red flashing beacon (magnetic mount on roof). The use of indicators is mandatory so that all ADR traffic are aware of your movements.

Upon entry to the ADR circuit, add an identification magnet to the existing "Circuit Usage" under the category "DHF" for each vehicle intending to use the Dynamic Handling area for testing.

A dual lane parking area is positioned behind the Armco near the Dynamic Handling area exit.

This area will be used for:

Lane 1 - queuing for immediate usage of Dynamic Handling area (closest to Armco)

Lane 2 - parking area/data analysis

During extremely hot conditions exceeding 34°C avoid using area for aggressive manoeuvres. High speed entry to DHF is not permitted while ADR Noise Testing area is in use.

BASIC OPERATING PROCEDURE:

Vehicles entering the Dynamic Handling area for the first time of their session shall enter the area at low speed and consult with existing users (at the parking area) as to their usage/testing requirements.

Traffic must exit DHF via exit lane on East side of ADR. Stop and give way to other traffic on ADR circuit.

MULTIPLE USERS (more than 2):

Drivers shall perform their test manoeuvre and immediately return to the parking area, parking in either the parking lane or the queuing lane depending on their immediate requirements i.e. to analyse test data (parking lane) or to enter the Dynamic Handling area for the next test (queue lane).

Drivers at the head of the queuing lane shall wait for the Dynamic Handling area to be clear of vehicles prior to returning the Dynamic Handling area directly.

OR

Prior to commencing around the ADR circuit to the Dynamic Handling area, ensure that no vehicles bearing the flashing beacon are on the ADR circuit (thus preparing to enter the Dynamic Handling area).

In this second case, drivers can also note if additional user magnets have been placed on the ADR circuit sign. A maximum of 3 moving vehicles on the area at any one time, however this is dependent on the type of testing that is being conducted.

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UP TO 2 USERS:

Usage as agreed by both users after discussion providing clear information as to the intended manoeuvres and considering safety precautions to prevent collision.

Vehicles are not to pass within 50 metres of each other when both vehicles are in motion.

If concentric circles are being driven, both vehicles must travel in the same direction i.e. either clockwise or anti-clockwise.

No parking/analysing data within the testing area. Parking is only permitted at the perimeter of the Dynamic Handling area.

SINGLE USER:

Usage as required.

No parking/analysing data within the testing area. Parking is only permitted at the perimeter of the Dynamic Handling area.

SPECIAL CASES:

Where vehicle manoeuvres are kept to a restricted area (eg. wet asphalt area), the remainder of the Dynamic Handling area may be used by other drivers as described above. This is provided it has been discussed with and agreed to by the other users.

WATER:

Should water be required, park at the North end of the facility and walk to pump shed - refer S.O.P. No. 56. Always ensure roller door is open when the pump is operating.

OTHER:

trucks to use an area to turn during noise testing.

SEE S.O.P. NO. 55 – DRAWING (Page 3)

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