

Lesson plan 1 Technical rescue deployment (THV) exercise

Exercise	THV exercise	
Subject	Accident entrapment	
Scenario	Vehicle hits a tree head-on	
Location	Practice site	
Practice goals	General goal: • Safe and effective rescue of victims Specific goals: • Investigate and observe accident with the CRS • Recognise risks of modern propulsion • Transition moment in the exercise • Deactivate vehicle • Stabilisation • Cooperation with TAS (tankautospuut [fire engine]) and HV (hulpverleningsvoertuig [emergency vehicle]) (communication and division of tasks)	
Skills	Investigation/observation Look up information via CRS Analyse and assess situation Control/stabilise incident Plan, plan+ Communication	Stabilisation of accident Extrication techniques Learn and reflect
Target group(s)	TAS team	HV team
Timeline	60 min	

Lesson plan 1

Practice	THV
Exercise	Accident entrapment
Scenario	Vehicle hits a tree head-on
Call-out report	Prio 1 Serious accident entrapment. TS HV (and OvD (Officier van Dienst [Duty Officer])) Address: use known street name in the catchment area
Information and course of the exercise	The report comes from a witness who is still on site and indicates that he does not dare to touch the vehicle because it is an electric vehicle with a live body! A vehicle crashed head-on into a tree. Two people are still trapped in the vehicle. It concerns an electric vehicle, we do not know if the vehicle is safe. Have the TS review the situation using the CRS. The high-voltage battery of the vehicle has not been disconnected, this must be done by looking up the deactivation method in the CRS. When the TS is looking for the deactivation method, the training leader as a bystander indicates that it seems as if the driver no longer has a heartbeat, the SO (slachtoffer [victim]) must be removed as quickly as possible, is this possible? Let the TS decide this among themselves. (If necessary, indicate that when airbags are visible, a vehicle is always de-energised by the ECU/SRS control unit; if in doubt, always follow the deactivation method of the CRS). Once it has been determined that it can be done safely, free the victims by removing the doors, cutting away the B pillar, removing the backrest, etc.
Weather/time	As is
Water extraction	None (only the TS tank)
Staging	Place a practice wreck with its front against a tree (pole or other object) Print a number plate and logo (take an electric vehicle, or a number plate from the number plate list via Moditech.com) and stick them on the practice wreck. Use a piece of orange gas hose to simulate HV [high-voltage] cables and place this under the hood. Place an old 12V battery in the vehicle, you can then turn on the lights and dashboard again. (Make sure that the vehicle is NOT being driven or started, the brakes are almost always DISABLED!).

	Safety: With practice wrecks, always pay attention to the presence of not yet activated airbags and seatbelt pretensioners! These can go off in an uncontrollable manner due to cutting and dispersing in the gas cartridges or modules. In this specific scenario, the car is also reactivated by installing a battery. Then always be careful when the trauma simulants wear seat belts; they cause injuries if the belt tensioners are activated unexpectedly!	
Materials/equipment	1 practice wreck 2 victims (dummies or mock-ups) TAS and HV	Number plates (magnetic) Car number plate Print a logo