



# **NATIONAL HISTORICAL MACHINERY ASSOCIATION INC.**

ABN: 12 908 216 532 Inc No: A0020801V

## **GENERAL SAFETY GUIDELINES**

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**1.0 ALL FEDERAL, STATE & LOCAL GOVERNMENT STATUTES MUST BE OBSERVED and Appropriate Licences should be held by drivers. These statutes may also apply to other activities that NHMA clubs may be engaged in - including but not limited to noise limits, alcohol limits, Working With Children, operation of some machinery etc.**

**1.1 FENCING of Rally Compounds; Exhibits etc:** The rally compound(s) shall be fenced on all sides with firmly fixed posts, carrying an approved type of mesh, e.g. ring lock type fencing or high density polyethylene mesh as used by Government Contractors or other type of fencing approved by the Club Safety Committee. The fence should stand approximately one metre in height. The use of rope as fencing is strictly forbidden. A pedestrian gate is to be included in fence line, climbing over fences is not allowed.

Fencing of static displays, memorabilia, small working models etc is left to the discretion of the Club Safety Committee.

**1.2 SAFETY EQUIPMENT:** An approved Fire Extinguisher and First Aid Kit (including the NHMA Accident Report Form) shall be kept within the compounds. These items are to be supplied by the host club.

**1.3 EVENT SAFETY OFFICERS:** Are to wear an identifying vest, shirt or sash and a name tag.

**1.4 ACCESS TO COMPOUND:** Only insured operators of engines and machinery and insured club members are to be allowed within the compound while engines and machinery are operating.

**1.5 SIGNS:** Signs are to be displayed on compound fences, stating "no admittance to the public". Any signs erected by clubs should be properly secured and not liable to blow over.

**1.6 EMERGENCIES:** If a serious incident occurs, the Club Safety Committee may stop any activity or the entire event until allowed to continue by the emergency services.

## **2.0 GENERAL ENGINE SAFETY**

**2.1 WORKING ENGINES:** All operating engines and equipment shall be in a safe working condition and checked by the owner/operator prior to 'start up'.

**2.2 ITEMS TO BE CHECKED:** This section is for the owners to check. If safety officers find that there is a problem in this area then the owner may be asked to shut down their exhibit.

Special attention shall be given to items such as:

- Hot steam and exhaust pipes
- Fuel tanks & fuel lines



## **GENERAL SAFETY GUIDELINES**

- Locknuts & keys on flywheels etc.
- Governors on stationary engines
- Belting; Shafting - guards over open gears
- Spark plugs & ignition wires
- Magneto drives and side shafts

**2.3 INSPECTION BY SAFETY COMMITTEE:** Exhibits may be checked by a Club Safety Officer or Club Committee Member at any time. In the event of a dispute, the exhibitor has the right of appeal to the Club Safety Committee.

**2.4 FLYWHEELS:** Engines shall be placed in the compound with the flywheels running parallel to the fence. Where engines may be better observed by placing the engine with the front viewed from the fence line, the engine may be placed so that rotation of the flywheel is away from the public at the fence. **Engines with repaired flywheels may be operated, provided an engineer's certificate is obtained and presented to the rally organisers prior to any event.**

**2.5 SPACING of EXHIBITS:** All engines and machines shall, where possible, be placed a minimum of one and a half metres (1.5m) from the fence, with a minimum of one metre (1.0m) between the engines.

**2.6 STARTING DEVICES:** May be used but caution should be exercised at all times. The 'friction' type of 'starting device' is preferred but the final decision is with the host club's Safety Committee.

**2.7 STORAGE OF FLAMMABLE LIQUIDS:** The storage of flammable liquids shall be in an approved type of container with a screw cap or self-locking flap type cap. Flammable liquid containers shall be stored away from operating engines or machinery.

**2.8 ENGINE REFUELLING:** All internal combustion engines shall be stopped for refuelling operations. The "no smoking" rule applies and a fire extinguisher shall be close by.

**2.9 UNATTENDED ENGINES/MACHINES:** No operating engine/machine is to be left unattended.

## **3.0 GENERAL ENGINE SAFETY**

**3.1 DRIVEN EXHIBITS:** The operation of all driven machinery is subject to the approval of the Club Safety Committee. All engines and driven exhibits shall be securely fastened to the ground or otherwise rendered incapable of movement. All vee section and flat belts and other drive shafts shall be in good condition and have adequate guarding or fencing where considered necessary by the Club Safety Officer/Committee.

**3.2 CHAFF CUTTERS:** Chaff cutters may only be operated with the protective knife cover in place.

**3.3 SAWS:** Drag-saws, chainsaws, power hacksaws and sawmilling equipment may be demonstrated. Clubs & Club Safety Officers should make themselves familiar with the safety regulations applying to the use of such equipment within the relevant State or Territory.



## GENERAL SAFETY GUIDELINES

- 3.3 (Cont.) Clubs need to be aware that such demonstrations are to be conducted in separate enclosures with particular attention being paid to protective clothing, the distance and direction from public, only the machine operator(s) to be in compound, qualifications of the operator, e.g. knowledge of kick-back safety, no drop or boring/plunging allowed, etc.**
- 3.4 MOWER CUTTING BLADES:** All blades on exhibited rotary mowers shall be removed and blades on mechanical scythes shall be disengaged except during actual demonstrations in designated areas. Blades must be removed if operated in a compound with other exhibitors. *Mowers with a rigid cutter bar (i.e. other than a disc with removable blades) are exempt. These mowers can be operated with the bar attached, however please use common sense and ensure that rocks, sticks etc are cleared from the site where the mower is operating, and have the mower at a higher height adjustment.*
- 3.5 RADIAL AND AIRCRAFT ENGINES:** Radial and aircraft engines shall not be operated with a propeller attached and shall comply with the relevant State/Territory noise levels.
- 3.6 BOILER AND PRESSURE VESSEL CERTIFICATES:** Steam boilers and pressure vessels shall have an approved inspection certificate, which is to be sighted by the Safety Committee before operation.
- 3.7 STEAM PLANT OPERATOR CERTIFICATES:** Steam plant shall only be operated by persons holding an appropriate operators certificate which shall be sighted by the Safety Committee prior to operation of the steam plant.
- 3.8 SELF PROPELLED VEHICLES AND MACHINERY:** Shall not be operated at a greater speed than walking pace. All operators of self propelled vehicles and machinery shall hold current drivers and/or appropriate operators licences or shall produce evidence of competency to operate the machinery. Self propelled vehicles and machinery shall only be driven in the designated area, fenced compound, or while under the direction of the Safety Officer. They must NOT be driven on a road where the public has access, unless registered or having a permit.
- 3.9 PASSENGERS:** Vehicles and tractors shall NOT carry passengers. Riding on mudguards, drawbars or implements is prohibited.
- 3.10 PASSENGERS ON STEAM POWERED VEHICLES:** Traction engines and steam rollers shall NOT carry passengers.
- 3.11 TRAILERS:** Passengers are not allowed in trailers.
- 3.12 SAFETY GUARDS AND FENCES:** Machinery shall not be operated unless adequate safety guards or fences are in place. PTO shafts shall have a protective covering for the full length of the driving shaft.
- 3.13 LOADING AND UNLOADING EQUIPMENT:** Operators who are loading or unloading equipment with winches, ramps or other lifting equipment shall ensure that such equipment is in a safe working condition and of adequate strength for the job. The Safety Officer shall have the power to hold loading/unloading should any equipment be considered inadequate.



## **GENERAL SAFETY GUIDELINES**

- 3.14 ENSURE TRUCKS/TRAILERS** carrying tractors are properly parked to avoid moving during unloading and secure the 'tip tray' on tip trucks prior to unloading, to prevent accidental tipping.
- 3.15 CLOTHING AND FOOTWEAR:** Appropriate footwear must be worn at all times. No open toed footwear is to be worn and clothing shall not be excessively loose. Safety boots and overalls are recommended. Thongs or open toed footwear are not allowed.
- 3.16 FIRE BANS:** Local fire restrictions shall be observed at all times.
- 3.17 JUNIOR OPERATORS [10 to 17 yrs Incl.]:** Junior operators enjoy privileges within the compound, provided they are supervised by a responsible adult member. All junior members should acknowledge that they are under the scrutiny of the public, adult members, safety officers and the club committee at all times, and should accept any direction given to them. **Juniors cannot drive any vehicle unless an appropriate license is held.**

## **4.0 STATIONARY TRACTORS AND UN-REGISTERED TRUCKS AND CARS**

- 4.1 Tractors/vehicles** outside fenced compounds are to be stationary – NOT TO BE MOVED.
- 4.2 All vehicles** must have the key taken out or battery terminals removed.
- 4.3 All vehicles** must be in neutral; Park/Handbrakes must be applied, and suitable wheel chocks must be used.
- 4.4 A sign** on the tractor/vehicle that says – “Please do not climb on tractor”.
- 4.5 A Safety Officer**, a Club Official, or an owner must be in attendance at all times. Ratio 1-10. (1 official to 10 stationary tractors/vehicles).
- 4.6 If a tractor** is to be moved then a Club Safety Officer must be in attendance and the tractor can be moved at walking pace, under the Safety Officers direction.

*Members who have contributed to the NHMA's Master Insurance Policies through their own Club, are protected for their legal liability in their Club's name.*

*The Member Club is part of the overall liability limit provided to the NHMA under one master policy. Also every contributing Member has Personal Accident Insurance whilst performing work for their Club, or during a rally, to the limit as detailed to the NHMA under this master policy.*

*Clubs must also advise the NHMA of any circumstance that "may" lead to a claim against the Committee of the Club or against the Committee of the NHMA.*