500776

23.6.97

✓ CARMS

CNS 1208

Our reference: 500 776

Environmental Protection Act 1994

Licence No. 5010000163

Section 45(1)

COPY

Under the provisions of the *Environmental Protection Act 1994* this environmental authority is issued:

To: John Charles Hendle
Address: Trading as Hendles Sandblasting Radiator & Windscreens
2 Dowey Street
MAREEBA QLD 4880

in respect of carrying out the environmentally relevant activity/ies at the following place(s):

Hendles Sandblasting Radiator & Windscreens - Workshop
Lot 7, NR 7651
Parish of Tinaroo, County of Nares
located at:
Lot 7 Chewko Road
MAREEBA QLD 4880

DESPATCHED
2 4 JUN 1997
RL 5231367

- ERA 22 (c) Abrasive blasting - permanent location and itinerant activity
- ERA 24 (a) Metal surface coating - less than 2,000 tonnes
- ERA 28 Motor vehicle workshop

This environmental authority is issued subject to the conditions set out in the schedules attached to this environmental authority.

This licence takes effect from 11 July 1997.

signed .....
Ron Anderson
Acting Regional Manager (Environment), FNR
Delegate of Administering Authority
Environmental Protection Act

date 23 June 1997

This environmental authority consists of the following schedules:

SCHEDULE A - GENERAL CONDITIONS

SCHEDULE B - AIR

SCHEDULE C - WATER

SCHEDULE D - STORMWATER MANAGEMENT

SCHEDULE E - LAND APPLICATION

SCHEDULE F - NOISE

SCHEDULE G - WASTE MANAGEMENT

SCHEDULE H - MONITORING AND REPORTING

SCHEDULE I - DEFINITIONS

SCHEDULE J - SITE PLAN

SCHEDULE A - GENERAL CONDITIONS

Access to Copy of Environmental Authority

(A1) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

(A2) The holder of this environmental authority shall ensure that any person responsible for the carrying out of the environmentally relevant activities is familiar with the conditions of this environmental authority as they relate to the person's responsibilities.

Records

(A3) Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five (5) years and be available for examination by an authorised person. For daily and weekly records, the record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations to Vehicle or Equipment

(A4) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.

An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.

(A5) The holder of this environmental authority must:

(a) implement the submitted Integrated Environmental Management System which provides for the following functions:

(i) the monitoring of releases of contaminants into the environment and an environmental assessment of the releases; and

(ii) staff training and awareness of environmental issues; and

(iii) the conduct of environmental and energy audits; and

(iv) waste prevention, treatment and disposal.

(b) lodge with the administering authority on or before 1 October 1997 and at three (3) monthly intervals thereafter until 31 December 1997, a brief report describing the progress in developing and implementing the Integrated Environmental Management System; and

(c) on or before 1 October 1998, have completed and implemented the Integrated Environmental Management System.

(A6) A copy of the Integrated Environmental Management System must be kept at the licensed place.

Operator Competency

(A7) The holder of this environmental authority shall ensure that the operation and maintenance of all plant and equipment used in carrying out the environmentally relevant activity is carried out by or under the supervision of a person who is competent to operate and maintain such plant and equipment.

END OF CONDITIONS FOR SCHEDULE A

SCHEDULE B - AIR

(B1) The holder of this environmental authority must ensure that all abrasive blasting and metal surface coating carried out at the licensed place is carried out within an enclosed booth or chamber. Filtration and wet scrubbing units attached to this booth or chamber must be maintained to ensure optimum filtration efficiency.

(B2) When undertaking abrasive blasting and metal surface coating as itinerant activities, where possible, abrasive blasting and spray painting must be undertaken within a workshop or with screens and tarpaulins erected as necessary to minimise the escape of airborne abrasive blasting wastes and paint overspray.

Materials Handling/Dust Control

(B3) All external material transfer conveyers and abrasive medium recycling facilities must be enclosed where necessary to minimise the migration of dust from the licensed place.

Loss of Materials During Transit

(B4) Trucks transporting abrasive medium as part of the environmentally relevant activity must be covered immediately after loading to prevent wind-blown releases and spillage. The covering must be maintained until immediately before unloading the trucks.

END OF CONDITIONS FOR SCHEDULE B

SCHEDULE C - WATER

Release of Contaminants to Waters

(C1) The holder of this environmental authority must ensure that in carrying out the environmentally relevant activity, ethylene glycol, abrasive blasting media, solvents and paint are not directly or indirectly released to any waters or the bed and banks of any waters.

(C2) Notwithstanding condition number (C1) the holder of this environmental authority must ensure that when carrying out the environmentally relevant activity over water, abrasive blasting media, solvents and paint releases into waters are prevented or minimised.

END OF CONDITIONS FOR SCHEDULE C

SCHEDULE D - STORMWATER MANAGEMENT

General

(D1) The holder of this environmental authority must ensure that in carrying out the environmentally relevant activity, ethylene glycol, abrasive blasting media, solvents and paint are not released into any roadside gutter or stormwater drainage system.

(D2) Abrasive blasting media must be stored so as to prevent contact with incident rainfall and stormwater runoff.

(D3) Any spillage of ethylene glycol, abrasive blasting media or metal surface coating waste must be cleaned up immediately. Such spillages must not be cleaned up by hosing, sweeping or otherwise releasing such wastes to any stormwater drainage system, roadside gutter or waters.

Bunding

(D4) From 1 October 1997, all above ground petroleum product storage tanks must be bunded to contain at least the capacity of the largest tank within the bund, in accordance with Australian Standard AS1940.

(D5) From 1 October 1997 storage areas for chemicals, paint, oil and flammable or combustible liquids on the licensed place must be bunded so that the capacity of the bund is sufficient to contain at least 25% of the maximum design storage volume within the bund.

(D6) Where practicable and appropriate, all bunding on the licensed place must be roofed.

(D7) All bunding on the licensed place must be constructed and maintained so as to be impervious to the materials being stored within it.

(D8) A collection sump must be provided in the floor of all bunded areas to facilitate the removal of liquids. The bund floor must be graded so that the fall is towards the collection sump.

(D9) The holder of the environmental authority must ensure that any stormwater captured within a bunded area is free from petroleum, solvent or paint wastes prior to any release.

END OF CONDITIONS FOR SCHEDULE D

SCHEDULE E - LAND APPLICATION

Release of Contaminants to Land

(E1) Any vehicles or vehicle parts kept at the licensed place must be stored in such a manner as to ensure oil, grease, solvents and paint cannot contaminate stormwater drainage systems or enter the soil.

END OF CONDITIONS FOR SCHEDULE E

SCHEDULE F - NOISE

(F1) In the event of a complaint about noise that the administering authority considers is reasonable, then the emission of noise from the activity must not result in levels greater than those specified in Table 1 of the Noise Schedule until the circumstances which gave rise to the complaint are resolved.

Table 1

Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level L (Amax adj,T)	**Period**
Background noise level plus 5 dB(A)	7 am - 6 pm
Background noise level plus 5 dB(A)	6 pm - 10 pm
Background noise level plus 3 dB(A)	10 pm - 7 am
Noise Limits at a commercial place Measured as the Adjusted Maximum Sound Pressure Level L (Amax adj, T)	**Period**
Background noise level plus 10 dB(A)	7 am - 6 pm
Background noise level plus 10 dB(A)	6 pm - 10 pm
Background noise level plus 8 dB(A)	10 pm - 7 am

END OF CONDITIONS FOR SCHEDULE F

SCHEDULE G - WASTE MANAGEMENT

General

(G1) The holder of this environmental authority must ensure that all non re-usable regulated wastes generated as a result of carrying out the environmentally relevant activity are only disposed of at premises licensed under the Environmental Protection Act 1994 to receive such wastes.

(G2) Any solid or liquid regulated wastes produced from mobile operations must be:

(a) collected and taken back to the licensed place; or

(b) stored, recycled or disposed of in the same manner as for regulated waste generated at the licensed place, in accordance with the conditions of this environmental authority.

(G3) To prevent spillage from ethylene glycol, oil, fuel, paint, solvent, and liquid waste drums into the stormwater drainage system or unsealed ground, such drums must be stored:

(a) in an upright position with the lid sealed; and

(b) in a covered and bunded enclosure.

END OF CONDITIONS FOR SCHEDULE G

SCHEDULE H - MONITORING AND REPORTING

Mobile Activities Recording

(H1) The holder of this environmental authority must keep a logbook of instances when the environmentally relevant activity is conducted as a mobile activity. The logbook must specify:

(a) name of client receiving services from the holder of the environmental authority ;

(b) name of employee(s) conducting the mobile operations;

(c) date and time the work was carried out;

(d) location where the mobile operations were occurring;

(e) summary of the work undertaken; and

(f) any control measures which were used to prevent contamination (for example tarpaulins, screens etc).

Note: A quality control record system maintained by the holder of this environmental authority and containing the above information will be deemed to satisfy this condition

Complaint Recording

(H2) All complaints received by the holder of this environmental authority relating to carrying out the environmentally relevant activity must be recorded in a log book with the following details:

(a) time, date and nature of complaint;

(b) type of communication (telephone, letter, personal etc.);

(c) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);

(d) response and investigation undertaken as a result of the complaint;

(e) name of person responsible for investigating complaint; and

(f) action taken as a result of the complaint investigation, and signature of responsible person.

Incident Recording

(H3) A record must be maintained of at least the following events:

(a) the time, date and duration of equipment malfunctions where the failure of the equipment resulted in the release of contaminants reasonably likely to cause environmental harm;

(b) any uncontrolled release of contaminants reasonably likely to cause environmental harm; and

(c) any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.

Notification of Emergencies and Incidents

(H4) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

(H5) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, the notification of emergencies or incidents as required by condition number (H4) must include but not be limited to the following:

(a) the holder of this environmental authority;

(b) the location of the emergency or incident;

(c) the number of the environmental authority;

(d) the name and telephone number of the designated contact person;

(e) the time of the release;

(f) the time the holder of this environmental authority became aware of the release;

(g) the suspected cause of the release;

(h) the environmental harm and or environmental nuisance caused, threatened, or to be caused by the release; and

(i) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.

(H6) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, not more than fourteen (14) days following the initial notification of an emergency or incident, the holder of this environmental authority must provide written advice of the information supplied in accordance with condition number (H5) in addition to:

(a) proposed actions to prevent a recurrence of the emergency or incident; and

(b) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance.

END OF CONDITIONS FOR SCHEDULE H

SCHEDULE I - DEFINITIONS

For the purposes of this environmental authority the following definitions apply:

(I1) "abrasive blasting or abrasive blast cleaning" means the cleaning, smoothing, roughening or removing of part of the surface of an object using a jet of abrasive material propelled by a blast of compressed air, water, steam or by a grinding wheel. This process creates a surface which is physically and chemically altered. In this guideline, blasting means abrasive blasting.

(I2) "abrasive media" means any substance, including ilmenite, garnet, synthetic grit, metal shot, metal grit, copper or zinc slag, calcined bauxite, aluminium oxide, nut shells, rocks and mineral sands with low or nil silica content or water used or intended to be used as an abrasive for abrasive blasting.

(I3) "Act" means the Environmental Protection Act 1994.

(I4) "administering authority" means the Department of Environment or its successor.

(I5) "background noise level" means L (A90,T) being the A-weighted sound pressure level exceeded for 90 percent of the time period not less than fifteen (15) minutes, using Fast response.

(I6) "land" means land excluding waters and the atmosphere.

(I7) "L(Amax adj,T)" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than fifteen (15) minutes, using Fast response.

(I8) "metal surface coating" means coating of surfaces for decoration and/or protection of articles.

(I9) "noise sensitive place" means:

(a) a dwelling, mobile home or caravan park, residential marina or other residential premises; or

(b) a motel, hotel or hostel; or

(c) a kindergarten, school, university or other educational institution; or

(d) a medical centre or hospital; or

(e) a protected area; or

(f) a park or gardens.

(I10) "overspray" means paint, powder and solvent that miss the item being painted.

(I11) "regulated waste" means non-domestic waste included in Schedule 8 of the Environmental Protection (interim) Regulations 1995, and includes:

(a) for an element - any chemical compound containing the element;

(b) anything that has contained a regulated waste; and

(c) regulated waste that has been treated or immobilised.

(I12) "vehicle" means a hovercraft or a vehicle, that is propelled by a motor that forms part of the vehicle and moves on wheels, other than a train or tram.

(I13) "oil " means any large class of hydrocarbon or esters typically unctuous, viscous, combustible, liquid at ordinary temperatures, and soluble in ester and other organic solvents but not in water.

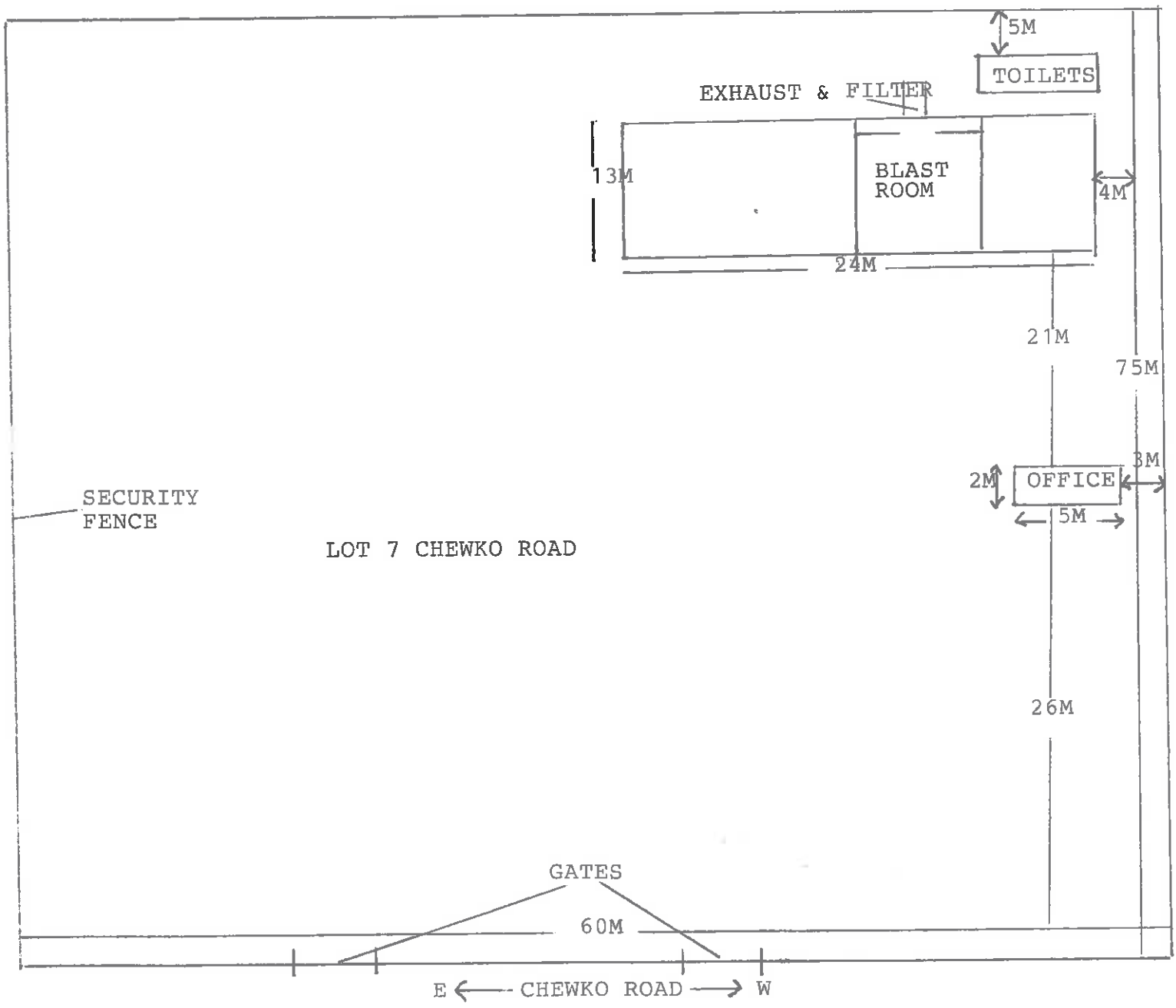
(I14) "licensed place" means Lot 7, NR 7651, County of Nares, Parish of Tinaroo, located at Chewko Road, Mareeba Qld 4880.

(I15) "the holder of this environmental authority" means John Charles Hendle trading as Hendles Sandblasting Radiator & Windscreens.

END OF CONDITIONS FOR SCHEDULE I

SCHEDULE J - SITE PLAN

(J1) **Workshop**



END OF CONDITIONS FOR SCHEDULE J

END OF ENVIRONMENTAL AUTHORITY