



CERTIFICATE OF REGISTRATION

IN TERMS OF THE NATIONAL NUCLEAR REGULATOR ACT, 1999 (ACT NO. 47 OF 1999)

CERTIFICATE OF REGISTRATION NO. COR-64

Certificate of Registration No. COR-64, is hereby granted by the National Nuclear Regulator (hereinafter referred to as the NNR) in terms of section 22 of the above Act

to

POTCHEFSTROOM PLASTIEK HERWINNING CC

Registration Number:	CK93/03005/23
Registered address :	11 Industria Street Potch Industria POTCHEFSTROOM 2520

(hereinafter referred to as the holder)

for

the activities set out in Schedule 1, attached hereto, on the northern portion of the remaining portion of erf no. 274, Potchefstroom (hereinafter referred to as the premises) and associated with the operations of Potchefstroom Plastiek Herwinning CC and subject to the conditions set out hereunder:

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CONDITIONS

1. The holder shall appoint a Responsible Person and an alternate who shall act in the capacity of the Responsible Person in the event of his absence.
2. The names of the Responsible Person and his alternate shall be displayed at the places where the radioactively contaminated material is handled and the NNR shall be notified of the names.
3. The Responsible Person shall ensure –
 - 3.1 the correct receipt and safe handling of the material;
 - 3.2 the proper storage and control of the material;
 - 3.3 that personnel are instructed in respect of the nature of the radiation hazards and the safe handling of the material;
 - 3.4 the correct discarding of waste containing radioactive material;
 - 3.5 proper decontamination and clean-up in the event of spillage of radioactive material;
 - 3.6 the proper treatment of wounds contaminated during operations involving radioactively contaminated material;
 - 3.7 that any incident involving an item, material or equipment which are radioactive, contain radioactive material or are contaminated with radioactive material, is reported to the NNR.
 - 3.8 compliance with the requirements for the transportation of radioactive material;
 - 3.9 compliance with the conditions set out in this authorisation.
4. In the event of any change of Responsible Person (or alternate) the NNR shall be notified immediately of the name of the new incumbent.
5. All items, material or equipment which are radioactive, contain radioactive material or are contaminated with radioactive material, shall only be handled and stored in areas set aside for these purposes. Such areas shall be suitably demarcated and appropriate radiation warning signs in the form specified in SABS 1186-1978 shall be displayed at the access points to these areas.

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6. Only workers employed for the processing of the radioactively contaminated material shall have access to the areas referred to in Condition 5.
7. A washing facility shall be provided where the radioactively contaminated material is cleaned before it is further handled and processed. This facility shall be so designed and constructed to ensure the safe handling of the material, and to facilitate decontamination of surfaces and equipment should this become necessary.
8. A formal housekeeping programme shall be implemented in all areas where radioactively contaminated material is stored or handled.
9. All persons, when handling radioactively contaminated material, shall wear specified protective clothing.
10. Operations which involve the handling of all items, material or equipment which are radioactive, contain radioactive material or are contaminated with radioactive material, shall be carried out in such a way as to minimize the potential spread of contamination.
11. The following log-books shall be maintained:
 - 11.1 A material balance log-book giving:
 - 11.1.1 quantities (in tonnes) of all items, material or equipment which are radioactive, contain radioactive material or are contaminated with radioactive material, received and processed;
 - 11.1.2 dates and methods of disposal of radioactively contaminated material of waste;
 - 11.2 An incident log-book containing details of accidents involving all items, material or equipment which are radioactive, contain radioactive material or are contaminated with radioactive material, and any occurrences which could, if not correctly controlled, give rise to such accidents.
12. In the event of spillage of radioactive material outside the washing facility –
 - 12.1 all contaminated surfaces shall be washed and cleaned as soon as possible;
 - 12.2 any contaminated clothing shall be removed and cleaned before re-use;
 - 12.3 an entry shall be made in the incident log-book.

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13. Radioactive waste arising from the operations shall be collected and stored in suitable containers reserved for this purpose only. Such waste shall be disposed of in a manner approved by the NNR.
14. The transport of any item, material or equipment which are radioactive, contain radioactive material or are contaminated with radioactive material must be carried out in terms of the provisions of the Regulations for the Safe Transport of Radioactive Material of the International Atomic Energy Agency, TS-R-1(ST-1) 1996 edition (revised).
15. Transport vehicles used for the conveyance of radioactively contaminated material shall be washed with water after the material has been off-loaded and before they leave the washing area on the premises of the holder.
16. Eating, drinking and smoking shall not be permitted in areas where radioactively contaminated material or waste is stored or handled.
17. The holder shall compile a written procedure in which the handling and processing of the radioactively contaminated material on the premises is set out to ensure compliance with the conditions in this authorisation. The procedure shall be submitted to the NNR for review and approval.

Condition 1 of the authorisation must be implemented with immediate effect and the requirements of conditions 2 to 17 prior to carrying out any of the activities mentioned in Schedule 1 of this authorisation.

This authorisation is effective from the date of issue.

Issued at Centurion on the 27th day of January 2004.


G A Clapison
ACTING CHIEF EXECUTIVE OFFICER

SCHEDULE 1 (Rev 0)

Activities permitted under this authorisation:

1. The holder shall procure from authorised mines the following waste material which may be contaminated with naturally occurring radionuclides up to levels of 4 Bq/cm² beta-gamma and 0,4 Bq/cm² alpha, for the purpose of recovering the material:
 - polyvinylchloride: pipe, cable strippings and overshoes;
 - polyethylene: high and low density pipe and low density moulded materials;
 - polypropylene: pipe and moulded materials.

The types of materials which will be received must be documented.

2. The holder may convey the contaminated material to his premises and may store and process the material on the premises.
3. The contaminated material may be washed with water for the purpose of cleaning it, any remaining metal couplings may be removed from the pipes and the clean material may be shredded and packed and disposed of to recyclers.
4. A maximum of 25 tonnes of contaminated material may at any time be stored and processed on the premises.
5. Metal couplings recovered from the pipes may be disposed of to scrap metal dealers who possess valid nuclear licences.
6. Radioactive waste arising from the operation may be stored, processed, conveyed and disposed of.