

# Canada Gazette

## Part I

OTTAWA, SATURDAY, MAY 25, 2002



# Gazette du Canada

## Partie I

OTTAWA, LE SAMEDI 25 MAI 2002

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**DEPARTMENT OF THE ENVIRONMENT****CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999**

*Proposed Notice Requiring the Preparation and Implementation of Pollution Prevention Plans for Acrylonitrile*

**PROPOSED NOTICE**

The Minister of the Environment proposes to publish, pursuant to the provisions of Part 4 of the *Canadian Environmental Protection Act, 1999* (CEPA 1999), the following notice requiring the preparation and implementation of pollution prevention plans in respect of acrylonitrile, a substance specified on the List of Toxic Substances in Schedule 1 of the Act. This notice will target facilities involved in the manufacture of synthetic rubber using acrylonitrile that results in releases of acrylonitrile to the environment.

Any person may, within 60 days after the date of publication of this notice, file to the Minister of the Environment comments with respect to the proposed notice. All comments must cite the *Canada Gazette*, Part I, the date of publication of this notice, and be addressed to the Executive Director, National Office of Pollution Prevention, Environment Canada, Place Vincent Massey, 13th Floor, 351 Saint-Joseph Boulevard, Hull, Quebec K1A 0H3. After receiving and considering comments on this proposed notice, the Minister of the Environment proposes to publish the final notice in the *Canada Gazette*, Part I.

JOHN ARSENEAU

*Director General*

*Toxics Pollution Prevention Directorate*

On behalf of the Minister of the Environment

**MINISTÈRE DE L'ENVIRONNEMENT****LOI CANADIENNE SUR LA PROTECTION DE L'ENVIRONNEMENT (1999)**

*Avis proposé exigeant l'élaboration et l'exécution d'un plan de prévention de la pollution à l'égard de l'acrylonitrile*

**AVIS PROPOSÉ**

En vertu de la partie 4 de la *Loi canadienne sur la protection de l'environnement* (1999), le ministre de l'Environnement propose publier un avis obligeant l'élaboration et l'exécution d'un plan de prévention de pollution à l'égard de l'acrylonitrile, une substance inscrite sur la Liste des substances toxiques de l'annexe 1 de la LCPE (1999). Cet avis visera les installations où l'on fabrique du caoutchouc synthétique à l'aide de l'acrylonitrile et qui entraîne des rejets de la substance dans l'environnement.

Toute personne peut, dans les 60 jours suivant la publication de cet avis, déposer des commentaires auprès du ministre de l'Environnement. Tout commentaire doit faire référence à la Partie I de la *Gazette du Canada*, la date de publication de l'avis, et doit être adressé au Directeur exécutif, Bureau national de la prévention de la pollution, Environnement Canada, Place Vincent-Massey, 13<sup>e</sup> étage, 351, boulevard Saint-Joseph, Hull (Québec) K1A 0H3. Après étude des commentaires, le ministre de l'Environnement propose de publier l'avis définitif dans la Partie I de la *Gazette du Canada*.

*Le directeur général*

*Direction générale de la prévention de la pollution par des toxiques*

JOHN ARSENEAU

Au nom du ministre de l'Environnement

## NOTICE REQUIRING THE PREPARATION AND IMPLEMENTATION OF POLLUTION PREVENTION PLANS IN RESPECT OF ACRYLONITRILE

Notice is hereby given that, pursuant to the provisions of Part 4 of the *Canadian Environmental Protection Act, 1999*, the Minister of the Environment requires the persons or class of persons described in paragraph 1 of this notice to prepare and implement a pollution prevention plan in respect of acrylonitrile (CAS Registry Number 107-13-1) which is specified on the List of Toxic Substances in Schedule 1 of the *Canadian Environmental Protection Act, 1999*.

### 1. Person or class of persons required to prepare and implement a pollution prevention plan

This notice applies to any person or class of persons who, on the date of publication of the final notice, owns or operates a facility involving the manufacture of synthetic rubber, where such manufacture uses acrylonitrile and results in releases of acrylonitrile to the environment.

### 2. Activities in relation to which the plan is to be prepared

The Minister requires all persons identified in paragraph 1 to prepare and implement a pollution prevention plan in relation to their manufacturing, storage, handling and wastewater treatment activities involving acrylonitrile.

### 3. Factors to be considered in preparing the plan

The Minister requires all persons identified in paragraph 1 to consider the following factors when preparing their pollution prevention plan:

(1) The Minister of the Environment's risk management objective is to reduce the releases of acrylonitrile from synthetic rubber manufacturing sources to the lowest achievable levels by the application of best available techniques economically achievable by December 31, 2005.

(2) Acrylonitrile was declared toxic under section 64(c) of the *Canadian Environmental Protection Act, 1999* (CEPA 1999) and added to the List of Toxic Substances in Schedule 1 of the Act. It is considered that acrylonitrile is entering or may enter the environment in a quantity or concentration or under conditions that constitute or may constitute a danger in Canada to

## AVIS EXIGEANT L'ÉLABORATION ET L'EXÉCUTION D'UN PLAN DE PRÉVENTION DE LA POLLUTION À L'ÉGARD DE L'ACRYLONITRILE

Avis est par les présentes donné, conformément à la partie 4 de la *Loi canadienne sur la protection de l'environnement (1999)* que le ministre de l'Environnement oblige les personnes ou catégories de personnes identifiées au paragraphe 1 de cet avis, à élaborer et mettre en exécution un plan de prévention de pollution à l'égard de l'acrylonitrile (numéro de registre CAS 107-13-1) substance inscrite sur la Liste des substances toxiques de l'annexe 1 de la *Loi canadienne sur la protection de l'environnement (1999)*.

### 1. Personnes ou catégories de personnes qui sont tenues d'élaborer et d'exécuter un plan de prévention de la pollution

En date de publication de l'avis définitif, cet avis s'applique à toute personne ou catégorie de personnes possédant ou exploitant une installation qui fabrique du caoutchouc synthétique, utilise à cette fin de l'acrylonitrile et rejette de l'acrylonitrile dans l'environnement.

### 2. Activités visées par le plan à élaborer

Le ministre oblige les personnes désignées au paragraphe 1 à élaborer et exécuter un plan de prévention de la pollution visant les activités de fabrication, de stockage, de manutention et de traitement des eaux usées impliquant de l'acrylonitrile.

### 3. Facteurs à prendre en considération pour l'élaboration du plan

Le ministre exige qu'au moment d'élaborer leur plan de prévention de la pollution, les personnes désignées au paragraphe 1 doivent tenir compte des facteurs suivants :

(1) Le ministre de l'Environnement a pour objectif de gestion des risques d'abaisser d'ici le 31 décembre 2005 les rejets d'acrylonitrile provenant de la fabrication de caoutchouc synthétique à des concentrations les plus faibles possibles en recourant aux meilleures techniques existantes économiquement applicables.

(2) L'acrylonitrile a été déclaré toxique en vertu de l'alinéa 64c) de la LCPE (1999) et ajouté à l'annexe 1 (liste des substances toxiques) de la LCPE (1999). On considère que l'acrylonitrile entre ou peut entrer dans l'environnement en quantité, en concentration ou dans des conditions constituant

human life or health. Acrylonitrile is considered toxic to human health because of its carcinogenic potential. Acrylonitrile is categorized as a Track 2 substance under Environment Canada's Toxic Substances Management Policy and thus requires management throughout its life cycle to prevent or minimize its release into the environment.

(3) In preparing a pollution prevention plan, priority is to be given to pollution prevention activities, that is, the use of processes, practices, materials, products, substances or energy that avoid or minimize the creation of pollutants and waste and reduce the overall risk to the environment or human health.

(4) In order to achieve the risk management objective described in paragraph 3(1), best available techniques and technologies to prevent and/or control releases of acrylonitrile to the air from point/stack, fugitive, storage and wastewater sources shall be considered. Such consideration shall include, but is not limited to:

(a) adopting standards and operating practices as outlined in the United States Environmental Protection Agency (US EPA) *National Emission Standards for Hazardous Air Pollutants (NESHAP)*, specifically standards 40 CFR Part 63 Subparts F, G, H and U.

(b) adopting standards and operating practices for control of air emissions from wastewater collection and treatment systems, as appear in the US EPA *Standards of Performance for New Stationary Sources: Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Wastewater* (40 CFR Part 60).

(c) adopting standards and operating practices as outlined in the Canadian Council of Ministers of the Environment (CCME) *Environmental Code of Practice for the Measurement and Control of Fugitive Volatile Organic Compounds (VOC) Emissions from Equipment Leaks* (CCME-EPC-73E) and as outlined in section 4 of the CCME *Environmental Guideline for the Control of Volatile Organic Compounds Process Emissions from New Organic Chemical Operations* (CCME-EPC-72E).

(d) establishing and implementing a leak detection and repair (LDAR) program which includes use of US EPA *Method 21* for field measurement of component emissions, current industry-specific emission factors, a leak definition of 500 p.p.m., and component testing frequency equivalent to the CCME *Environmental Code of Practice for the Measurement and Control of Fugitive VOC Emissions from Equipment Leaks* (CCME-EPC-73E) or the NESHAP LDAR programs.

(e) meeting the Ontario Ministry of the Environment and Energy (MOEE) interim and proposed point of impingement ( $\frac{1}{2}$  hour) air standards for acrylonitrile as presented in *Ontario Air Quality Standards for Acrylonitrile* (EBR Registry Number: PA00E0004, Date Proposal Loaded: 2000/02/21) and the MOEE *Summary of Point of Impingement Standards, Point of Impingement Guidelines and Ambient Air Quality Criteria (AAQC's)* dated September 2001.

(f) using air dispersion models as proposed in the MOEE Discussion Paper *Updating Ontario's Air Dispersion Models*, March 2001 (EBR Registry Number: PA01E0003; Date Proposal Loaded: 2001/03/20) and developing an air emission summary as outlined in the MOEE *Procedure for Preparing an Emission Summary and Dispersion Modeling Report*, guidance document for demonstrating compliance with section 5 of Ontario MOEE Reg. 346, dated June 1998.

(g) using the risk management framework as presented in MOEE Discussion Paper *Proposed Risk Management Framework for the Air Standard Setting Process in Ontario*

ou pouvant constituer un danger pour la vie ou la santé humaine au Canada. L'acrylonitrile est considéré comme toxique pour la santé humaine en raison de son potentiel cancérogène. La Politique de gestion des substances toxiques d'Environnement Canada classe l'acrylonitrile dans la catégorie des substances de la voie 2. Il est donc nécessaire que l'acrylonitrile soit géré tout au long de son cycle de vie pour prévenir ou réduire au minimum son rejet dans l'environnement.

(3) Au moment d'élaborer un plan de prévention de la pollution, il faut accorder la priorité aux activités de prévention de la pollution, c'est-à-dire veiller à utiliser des procédés, des pratiques, des matériaux, des produits, des substances ou des formes d'énergie qui préviennent ou diminuent au minimum la production de polluants et de déchets, et qui réduisent le risque global pour l'environnement et la santé humaine.

(4) Pour atteindre l'objectif de gestion des risques décrit au paragraphe 3(1) du présent document, les meilleures technologies et techniques existantes de prévention et de limitation des rejets d'acrylonitrile dans l'air provenant de cheminées, d'évents, de sources ponctuelles, de sources fugitives, du stockage ou du traitement des eaux usées doivent être considérées. Parmi les éléments à considérer, on compte les suivants :

a) adoption de normes et de pratiques d'exploitation figurant dans les *National Emission Standards for Hazardous Air Pollutants (NESHAP)* de United States Environmental Protection Agency (US EPA), particulièrement les sous-parties F, G, H et U des normes 40 CFR 63;

b) adoption de normes et de pratiques d'exploitation pour limiter les émissions atmosphériques provenant des systèmes de collecte et de traitement des eaux usées, telles que celles figurant dans les *Standards of Performance for New Stationary Sources: Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Wastewater* (40 CFR 60).

c) adoption de normes et de pratiques d'exploitation telles que celles figurant dans le *Code d'usage environnemental pour la mesure et la réduction des émissions fugitives de composés organiques volatils (COV) résultant de fuites provenant du matériel* (CCME-EPC-73F) du Conseil canadien des ministres de l'environnement (CCME) ainsi que dans la section 4 des *Lignes directrices environnementales sur le contrôle des émanations de procédés de composés organiques volatils provenant des nouvelles installations de produits chimiques organiques* (CCME-EPC-72F).

d) établissement et mise en œuvre d'un programme de détection et de réparation de fuites qui intègre la *méthode 21* de US EPA pour la mesure sur le terrain des composantes, les facteurs d'émission actuels propres aux diverses industries, la définition de « fuite » par une concentration de 500 p.p.m. ou plus, et une fréquence d'analyse des composantes équivalente à celle décrite dans le *Code d'usage environnemental pour la mesure et la réduction des émissions fugitives de COV résultant de fuites provenant du matériel* (CCME-EPC-73F) ou dans les programmes de détection et de réparation de fuites NESHAP.

e) respecter la proposition des normes atmosphériques provisoires du ministère de l'Environnement et de l'Énergie de l'Ontario (MEEO) relatives au point d'impact ( $\frac{1}{2}$  heure) pour l'acrylonitrile, comme il est proposé dans le document *Ontario Air Quality Standards for Acrylonitrile* (CDE numéro d'enregistrement PA00E004, date de l'inscription de la proposition : 2000/02/21) et le MEEO *Summary of Point of Impingement Standards, Point of Impingement Guidelines and Ambient Air Quality Criteria (AAQC's)* de septembre 2001.

including *Appendix A*, March 2001 (EBR Registry Number: PA01E002, Date Proposal Loaded: 2001/03/20).

(5) In order to verify estimated and/or calculated emissions of acrylonitrile, persons identified in paragraph 1 shall consider conducting sampling and testing of on-site air releases.

(6) In order to ensure that the human health risks of acrylonitrile due to exposure are adequately addressed, persons identified in paragraph 1 shall consider:

(a) collecting and analyzing on-site personal exposure data; and

(b) conducting air sampling and testing for acrylonitrile in ambient air at or beyond facility site boundaries at locations that ensure measurement of maximum exposure at ground level.

f) utiliser les modèles de dispersion atmosphérique comme il est proposé dans le document de discussion du MEEO *Updating Ontario's Air Dispersion Models*, mars 2001 (CDE numéro d'enregistrement PA01E003, date de l'inscription de la proposition : 2001/03/20) et élaborer un sommaire des rejets, conformément à la *Procedure for Preparing an Emission Summary and Dispersion Modeling Report*, document démontrant la conformité à la section 5 du Règlement 346 du MEEO — juin 1998.

g) utiliser le cadre de référence pour la gestion des risques comme il est proposé dans le document de discussion du MEEO *Cadre de référence proposé pour la gestion des risques dans l'établissement des normes de qualité d'air en Ontario incluant l'annexe A*, de mars 2001 (CDE numéro d'enregistrement PA01E002, date de l'inscription de la proposition : 2001/03/20).

(5) Pour vérifier les rejets d'acrylonitrile estimés et/ou calculés, les personnes désignées au paragraphe 1 doivent envisager d'effectuer sur place l'échantillonnage et l'analyse des rejets atmosphériques.

(6) Pour s'assurer que les risques pour la santé humaine associés à l'exposition à l'acrylonitrile sont bien examinés, les personnes visées au paragraphe 1 doivent :

a) recueillir et analyser sur place des données sur l'exposition des personnes;

b) effectuer l'échantillonnage et l'analyse de l'air en vue de détecter la présence d'acrylonitrile dans l'air ambiant à la limite ou à l'extérieur des installations, à des endroits choisis de manière à ce que l'exposition maximale au niveau du sol soit mesurée.

#### 4. Period within which the plan is to be prepared

The Minister requires that the plan be prepared and begin to be implemented within 12 months of the publication date of the final notice.

#### 5. Period within which the plan is to be implemented

The Minister requires that the plan be implemented by *May 31, 2007*.

#### 6. Content of plans

Persons preparing the plan are to determine the appropriate content of their own plan; however, the plan must meet all the requirements of the final notice. It must also contain the information to be filed in the Declaration of Preparation referred to in paragraph 8 and have the capacity to generate the information required to file the Declaration of Implementation referred to in paragraph 9 and Interim Progress Reports referred to in paragraph 11.

#### 7. Requirement to keep plan

Under section 59 of CEPA 1999, all persons identified in paragraph 1 shall keep a copy of the plan at the place in Canada in relation to which the plan is prepared.

#### 8. Declaration of Preparation

Under subsection 58(1) of CEPA 1999, persons identified in paragraph 1 shall file, within 30 days after the end of the period for the preparation of the plan specified in paragraph 4 or extended under paragraph 13, a written *Declaration That a Pollution Prevention Plan Has Been Prepared and Is Being Implemented — Acrylonitrile*, using the form given in Schedule 1 of this notice, to the Minister. Paragraph 16 provides further information on completing and filing this form.

#### 4. Délai imparti pour l'élaboration du plan

Le ministre exige que le plan soit élaboré et mis en exécution au plus tard 12 mois après la date de publication de l'avis définitif.

#### 5. Délai imparti pour l'exécution du plan

Le ministre exige que l'exécution du plan se fasse au plus tard le *31 mai 2007*.

#### 6. Contenu des plans

Les personnes qui élaborent les plans doivent déterminer le contenu qui convient à leurs propres plans; toutefois, chaque plan doit satisfaire à toutes les exigences spécifiées dans l'avis définitif et doit également inclure les informations devant figurer dans la Déclaration confirmant l'élaboration (paragraphe 8), et être capable de produire les informations devant figurer dans la Déclaration confirmant l'exécution (paragraphe 9) ainsi que les Rapports provisoires (paragraphe 11).

#### 7. Obligation de conserver un exemplaire du plan

En vertu de l'article 59 de la LCPE (1999), toute personne identifiée au paragraphe 1 doit conserver un exemplaire du plan à l'endroit au Canada où le plan s'applique.

#### 8. Déclaration confirmant l'élaboration

En vertu du paragraphe 58(1) de la LCPE (1999), les personnes identifiées au paragraphe 1 devront déposer par écrit auprès du ministre, dans les 30 jours suivant la fin du délai fixé dans le paragraphe 4 ou selon le cas, prorogé en vertu du paragraphe 13, une *Déclaration confirmant qu'un plan de prévention de pollution a été élaboré et qu'il est en cours d'exécution — Acrylonitrile* en utilisant l'annexe 1 du présent avis. Le paragraphe 16 donne des renseignements utiles pour remplir et déposer ce formulaire.

## 9. Declaration of Implementation

Under subsection 58(2) of CEPA 1999, persons identified in paragraph 1 shall file, within 30 days after the completion of the implementation of the plan specified in paragraph 5 or extended under paragraph 13, a written *Declaration That a Pollution Prevention Plan Has Been Implemented — Acrylonitrile*, using the form given in Schedule 5 of this notice, to the Minister. Paragraph 16 provides further information on completing and filing this form.

## 10. Filing of amended declarations

Under subsection 58(3) of CEPA 1999, where a person specified in paragraph 1 has filed a declaration under paragraph 8 or 9, and the declaration contains information that, at any time after the filing has become false or misleading, that person shall file an amended declaration to the Minister within 30 days after the time that the information became false or misleading using the appropriate form referred to in paragraph 8 or 9.

## 11. Interim Progress reports

Persons identified in paragraph 1 shall file on or before each of the dates below a written *Interim Progress Report — Acrylonitrile*, using the form given in Schedule 4 of this notice, to the Minister. If a Declaration of Implementation is submitted before an Interim Progress Report is due, the requirement to submit such an Interim Progress Report is nullified.

Interim Progress Report No. 1: June 30, 2004

Interim Progress Report No. 2: June 30, 2005

Each Interim Progress Report will report data pertaining to the previous calendar year. Paragraph 16 provides further information on completing and filing this form.

Where a person has filed an Interim Progress Report that contains information that at any time after the filing has become false or misleading, that person shall file an amended report to the Minister within 30 days after the time that the information became false or misleading.

## 12. Use of a plan prepared or implemented for another purpose

Under subsection 57(1) of CEPA 1999, a person may use a pollution prevention plan prepared or implemented for another purpose to satisfy the requirements of paragraphs 1 to 7 of this notice. Under subsection 57(2) of CEPA 1999, where a person uses a plan that does not meet all the requirements of the notice, the person shall amend the plan so that it meets all of those requirements or prepare an additional plan that meets the remainder of those requirements. Persons using existing plans must nonetheless file a Declaration of Preparation under paragraph 8, a Declaration of Implementation under paragraph 9, any amended declarations under paragraph 10 where applicable, and any Interim Progress Reports required under paragraph 11.

## 13. Extension of time

(1) Under subsection 56(3) of CEPA 1999, where the Minister is of the opinion that further time is necessary to prepare the plan as specified in paragraph 4 or to implement the plan as specified in paragraph 5, the Minister may extend the period for a person who submits a written *Request for Time Extension — Acrylonitrile*, using the form given in Schedule 3 of this notice before the expiry of the date referred to in the applicable paragraph 4 or paragraph 5 or before the expiry of any extended period.

(2) Where the Minister is of the opinion that further time is necessary to file an Interim Progress Report under paragraph 11, the Minister may extend the date on which the Interim Progress

## 9. Déclaration confirmant l'exécution

En vertu du paragraphe 58(2) de la LCPE (1999) les personnes identifiées au paragraphe 1 devront déposer par écrit auprès du ministre, dans les 30 jours suivant la date de réalisation du plan, fixé dans le paragraphe 5 ou selon le cas, prorogé en vertu du paragraphe 13, une *Déclaration confirmant l'exécution d'un plan de prévention de la pollution — Acrylonitrile* en utilisant l'annexe 5 du présent avis. Le paragraphe 16 donne des renseignements utiles pour remplir et déposer ce formulaire.

## 10. Dépôt d'une déclaration corrective

En vertu du paragraphe 58(3) de la LCPE (1999), dans le cas où une personne désignée au paragraphe 1 dépose une déclaration confirmant l'élaboration ou l'exécution du plan et que par la suite ces renseignements deviennent faux ou trompeurs, l'intéressé doit déposer une Déclaration corrective auprès du ministre dans les 30 jours qui suivent la date où les renseignements sont devenus faux ou trompeurs, en utilisant le formulaire mentionné dans le paragraphe 8 ou 9.

## 11. Rapports provisoires

Les personnes désignées au paragraphe 1 doivent déposer auprès du ministre un formulaire intitulé *Rapport provisoire — Acrylonitrile* en utilisant l'annexe 4 du présent avis. Ces rapports doivent être remplis pour chacune des dates ci-dessous ou avant. Si une Déclaration confirmant l'exécution du plan est présentée avant la date limite de présentation d'un Rapport provisoire, il n'est pas nécessaire de présenter un tel rapport provisoire.

Rapport provisoire n° 1 : 30 juin 2004

Rapport provisoire n° 2 : 30 juin 2005

Chaque rapport provisoire doit indiquer les données relatives à l'année civile précédente. Le paragraphe 16 donne des renseignements utiles pour remplir et déposer ce formulaire.

Dans le cas où une personne dépose un Rapport provisoire et que par la suite ces renseignements deviennent faux ou trompeurs, l'intéressé doit déposer un Rapport correctif auprès du ministre dans les 30 jours qui suivent la date où les renseignements sont devenus faux ou trompeurs.

## 12. Utilisation de plans déjà élaborés ou exécutés

En vertu du paragraphe 57(1) de la LCPE (1999), une personne peut utiliser un plan de prévention de la pollution déjà élaboré pour satisfaire aux exigences des paragraphes 1 à 7 de cet avis. En vertu du paragraphe 57(2) de la LCPE (1999), dans le cas où une personne utilise un plan qui ne respecte pas toutes les exigences de l'avis, cette personne doit modifier le plan en conséquence ou préparer un plan supplémentaire qui rencontre le restant des exigences. Il est tout de même nécessaire de déposer une Déclaration confirmant l'élaboration (paragraphe 8), une Déclaration confirmant l'exécution (paragraphe 9), toute Déclaration corrective requise (paragraphe 10) et tout Rapport provisoire requis (paragraphe 11).

## 13. Prorogation du délai

(1) En vertu du paragraphe 56(3) de la LCPE (1999), lorsque le ministre estime que l'élaboration du plan exige un délai plus long, il peut proroger ce délai pour une personne qui présente une *Demande de prorogation du délai d'élaboration d'un plan de prévention de la pollution — Acrylonitrile* en utilisant l'annexe 3 du présent avis, avant la fin du délai d'élaboration mentionné au paragraphe 4 ou 5 ou avant la fin du délai prorogé.

(2) Lorsque le ministre estime qu'un délai plus long est nécessaire pour la présentation d'un Rapport provisoire, il peut proroger ce délai pour une personne qui présente une *Demande de*

Report must be filed for a person who submits a written *Request for Time Extension — Acrylonitrile*, using the form given in Schedule 3 of this notice, before the date referred to in paragraph 11 for which the person is requesting the extension or before the expiry of any extended period.

Paragraph 16 provides further information on completing and filing this form.

#### 14. Application for waiver of factors to consider

Under subsection 56(5) of CEPA 1999, where the Minister is of the opinion that it is not reasonable or practicable to consider a factor specified in paragraph 3, the Minister may waive the requirement for a person to consider that factor for a person who submits a written *Request for Waiver of Factors to Consider — Acrylonitrile*, using the form given in Schedule 2 of this notice, providing reasons for the request before the expiry of the period within which the plan is to be prepared referred to in paragraph 4. Paragraph 16 provides further information on completing and filing this form.

#### 15. More information on pollution prevention planning

Additional information on pollution prevention and preparing pollution prevention plans is available from the National Office of Pollution Prevention website ([www.ec.gc.ca/nopp](http://www.ec.gc.ca/nopp)), the Canadian Pollution Prevention Information Clearinghouse ([www.ec.gc.ca/cppic](http://www.ec.gc.ca/cppic)), and Environment Canada's regional offices.

#### 16. Environment Canada contact information

Forms (Schedules 1 to 5) referred to in this notice can be completed electronically at [www.ec.gc.ca/nopp/p2forms/acr.cfm](http://www.ec.gc.ca/nopp/p2forms/acr.cfm). Instructions for completing these forms are available at [www.ec.gc.ca/nopp/p2forms/acr.cfm](http://www.ec.gc.ca/nopp/p2forms/acr.cfm).

Persons completing a form electronically must submit to the Minister both a signed, printed version of the form and an electronic copy on diskette at the address indicated below.

Persons not completing forms electronically should request copies of the forms from:

Executive Director, National Office of Pollution Prevention  
Environment Canada  
c/o CEPA 1999 Part 4 P2 plans  
351 Saint-Joseph Boulevard, 13th Floor  
Hull, Quebec K1A 0H3  
Telephone: (819) 994-0186  
Facsimile: (819) 953-7970  
Electronic mail: CEPAP2Plans@ec.gc.ca

Forms referred to in this notice are to be submitted to:  
Executive Director, National Office of Pollution Prevention  
Environment Canada  
c/o CEPA 1999 Part 4 P2 plans  
Environment Canada  
351 Saint-Joseph Boulevard, 13th Floor  
Hull, Quebec K1A 0H3

For questions about this notice, copies of the Model Pollution Prevention Plan, or more information about pollution prevention planning, contact the National Office of Pollution Prevention (as above) or Environment Canada's regional offices:

*prorogation du délai* en utilisant l'annexe 3 du présent avis, avant la fin du délai mentionné au paragraphe 11 ou avant la fin du délai prorogé.

Le paragraphe 16 donne des renseignements utiles pour remplir et déposer ce formulaire.

#### 14. Demande de dérogation à l'obligation de prendre en considération certains facteurs

En vertu du paragraphe 56(5) de la LCPE (1999), lorsque le ministre estime qu'il est déraisonnable ou impossible de prendre en considération un facteur spécifié au paragraphe 3, il peut exempter de l'obligation de prendre en considération ce facteur pour une personne qui présente par écrit une *Demande de dérogation à l'obligation de prendre en considération certains facteurs — Acrylonitrile* en indiquant les raisons de cette demande dans le formulaire fourni à l'annexe 2, avant la fin du délai d'élaboration mentionné au paragraphe 4. Le paragraphe 16 donne des renseignements utiles pour remplir et déposer ce formulaire.

#### 15. Plus de renseignements sur les plans de prévention de la pollution

Pour plus d'information sur la prévention de la pollution et la planification de la prévention de la pollution, visitez le site du Bureau national de la prévention de la pollution ([www.ec.gc.ca/bnpp](http://www.ec.gc.ca/bnpp)), le Centre canadien d'information sur la prévention de la pollution ([www.ec.gc.ca/cppic](http://www.ec.gc.ca/cppic)) et le bureau régional d'Environnement Canada de votre région.

#### 16. Ressources additionnelles — Environnement Canada

Notez que les formulaires (annexes 1 à 5) peuvent être remplis électroniquement. Vous les trouverez à l'adresse suivante : [www.ec.gc.ca/nopp/p2forms/acr.cfmes](http://www.ec.gc.ca/nopp/p2forms/acr.cfmes) ainsi que les renseignements nécessaires pour les remplir.

Vous devrez tout de même soumettre au ministre une copie papier signée du formulaire ainsi qu'une copie électronique sur disquette à l'adresse ci-dessous :

Toute personne ne remplissant pas les formulaires électroniquement et voulant une copie doivent en faire la demande à :

Directeur exécutif, Bureau national de la prévention de la pollution  
Environnement Canada  
a/s Partie 4, P2 de la LCPE (1999)  
351, boulevard Saint-Joseph, 13<sup>e</sup> étage  
Hull (Québec) K1A 0H3  
Téléphone : (819) 994-0186  
Télécopieur : (819) 953-7970  
Courriel : CEPAP2Plans@ec.gc.ca

Les formulaires devront être expédiés à :

Directeur exécutif, Bureau national de la prévention de la pollution  
Environnement Canada  
a/s Partie 4, P2 de la LCPE (1999)  
351, boulevard Saint-Joseph, 13<sup>e</sup> étage  
Hull (Québec) K1A 0H3

Pour toute question concernant ce projet d'avis ou pour obtenir de l'information additionnelle ou des copies d'un modèle de plan de prévention de la pollution, veuillez communiquer avec le Bureau national de la prévention de la pollution (voir ci-haut) ou un des bureaux régionaux d'Environnement Canada.

For residents of Newfoundland and Labrador, Prince Edward Island, Nova Scotia and New Brunswick

Environmental Protection Branch — Atlantic Region  
Environment Canada  
Queen Square, 45 Alderney Drive, 16th Floor  
Dartmouth, Nova Scotia B2Y 2N6  
Telephone: (902) 426-9590  
Facsimile: (902) 426-8373

For residents of Quebec  
Environmental Protection Branch — Quebec Region  
Environment Canada  
105 McGill Street, 4th Floor,  
Montréal, Québec H2Y 2E7  
Telephone: (514) 283-4670  
Facsimile: (514) 283-4423

For residents of Ontario  
Environmental Protection Branch — Ontario Region  
Environment Canada  
4905 Dufferin Street  
Downsview, Ontario M3H 5T4  
Telephone: (416) 739-5856  
Facsimile: (416) 739-4342

For residents of Manitoba, Saskatchewan, Alberta, the Northwest Territories and Nunavut  
Environmental Protection Branch — Prairie and Northern Region  
Environment Canada  
4999-98th Avenue  
Edmonton, Alberta T6B 2X3  
Telephone: (780) 951-8890  
Facsimile: (780) 495-2758

For residents of British Columbia and Yukon  
Environmental Protection Branch — Pacific and Yukon Region  
Environment Canada  
224 West Esplanade  
North Vancouver, British Columbia V7M 3H7  
Telephone: (604) 666-2739  
Facsimile: (604) 666-6800

Pour les résidents de Terre-Neuve et du Labrador, de l'Île-du-Prince-Édouard, de la Nouvelle-Écosse et du Nouveau-Brunswick

Direction de la protection de l'environnement — Région de l'Atlantique  
Environnement Canada  
Queen Square, 45, promenade Alderney, 16<sup>e</sup> étage  
Dartmouth (Nouvelle-Écosse) B2Y 2N6  
Téléphone : (902) 426-9590  
Télécopieur : (902) 426-8373

Pour les résidents du Québec  
Direction de la protection de l'environnement — Région du Québec  
Environnement Canada  
105, rue McGill, 4<sup>e</sup> étage  
Montréal (Québec) H2Y 2E7  
Téléphone : (514) 283-4670  
Télécopieur : (514) 283-4423

Pour les résidents de l'Ontario  
Direction de la protection de l'Environnement — Région de l'Ontario  
Environnement Canada  
4905, rue Dufferin  
Downsview (Ontario) M3H 5T4  
Téléphone : (416) 739-5856  
Télécopieur : (416) 739-4342

Pour les résidents du Manitoba, de la Saskatchewan, de l'Alberta, des Territoires du Nord-Ouest et du Nunavut  
Direction de la protection de l'environnement — Région des Prairies et du Nord  
Environnement Canada  
4999, 98<sup>e</sup> Avenue  
Edmonton (Alberta) T6B 2X3  
Téléphone : (780) 951-8890  
Télécopieur : (780) 495-2758

Pour les résidents de la Colombie-Britannique et du Yukon  
Direction de la protection de l'environnement — Région du Pacifique et du Yukon  
Environnement Canada  
224, West Esplanade  
North Vancouver (Colombie-Britannique) V7M 3H7  
Téléphone : (604) 666-2739  
Télécopieur : (604) 666-6800

## 17. Reference number: 052502

For administrative purposes, all communication with Environment Canada concerning this notice should refer to the following reference number: 052502.

## 17. Numéro de référence : 052502

Pour des raisons administratives, toute communication avec Environnement Canada concernant cet avis devrait faire référence au numéro 052502.

### EXPLANATORY NOTE

*(This note is not part of the notice.)*

Pursuant to subsection 71(3) of CEPA 1999, every person to whom this notice applies is required to comply with this notice within the time specified in the notice.

Compliance with CEPA 1999 is mandatory under subsection 272(1) of CEPA 1999. Subsection 272(2) of CEPA 1999 defines the penalties for persons who commit offences under CEPA 1999. Subsections 273(1) and 273(2) further outline the terms and penalties of those persons providing false or misleading information. Penalties under both subsection 272(2) and 273(2)

### NOTE EXPLICATIVE

*(La présente note ne fait pas partie de l'avis.)*

En vertu du paragraphe 71(3) de la *Loi canadienne sur la protection de l'environnement* (1999), les destinataires des avis sont tenus de s'y conformer dans le délai qui leur est imparti.

En vertu du paragraphe 272(1) l'observation de la LCPE (1999) est obligatoire. Le paragraphe 272(2) de la LCPE (1999) détermine les peines applicables à quiconque commet une infraction envers la LCPE (1999). De plus, les paragraphes 273(1) et 273(2) déterminent les peines applicables à quiconque communique des renseignements faux ou trompeurs. Les

include fines of not more than \$1,000,000, imprisonment for a term of not more than three years, or both.

For additional information on CEPA 1999 and the Compliance and Enforcement Policy for the *Canadian Environmental Protection Act, 1999* and on applicable penalties, please contact the Enforcement Branch at (819) 994-0907.

paragraphes 272(2) et 273(2) édictent qu'une amende maximale de 1 000 000 \$ de dollars et un emprisonnement maximal de trois ans, ou l'une de ces peines peut être imposé.

Pour tout renseignement additionnel sur la LCPE (1999), la Politique d'application de la *Loi canadienne sur la protection de l'environnement (1999)* et les peines applicables, veuillez communiquer avec la Direction de l'application de la loi au (819) 994-0907.

Schedule 1: Declaration That a Pollution Prevention Plan Has Been Prepared and Is Being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999)

Notice Reference Number: 052502

Please refer to the instruction booklet "Instruction for Completing the Schedules to the *Canada Gazette* Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Acrylonitrile" for direction on how to complete this Declaration.

Is this an amendment to a Declaration previously submitted?  Yes  No

If yes, complete Parts 1.0 and 9.0, and any other Parts of this Declaration where previously reported information has become false or misleading. Previously reported information that is unchanged need not be resubmitted.

#### 1.0 Facility Information

Company Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Street Address of Facility: \_\_\_\_\_

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Mailing Address of Facility: \_\_\_\_\_

(if different from Street Address)

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Facility Technical Contact: \_\_\_\_\_

e-mail (if applicable): \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number (if applicable): \_\_\_\_\_  
(with area code) (with area code)

National Pollutant Release Inventory ID (if no ID, leave blank): \_\_\_\_\_

6-Digit North American Industry Classification System (NAICS) Code: \_\_\_\_\_

4-Digit Canadian Standard Industrial Classification (SIC) Code: \_\_\_\_\_

#### 2.0 Use of Plans Prepared or Implemented for Another Purpose

Is the pollution prevention plan used to fulfill the obligations of this notice:

- a pollution prevention plan that was previously prepared on a voluntary basis?  Yes  No
- a pollution prevention plan that was previously prepared for another government or under another Act of Parliament?  
 Yes  No

If yes, identify the other government requirement(s) or Act(s) of Parliament.

#### 3.0 Substance in the Notice

Substance in the notice for which the following information applies : Acrylonitrile

CAS Registry Number: 107-13-1

#### 4.0 Baseline Information Prior to Implementation of the Pollution Prevention (P2) Plan

##### Notes:

- (a) The data collected in Parts 4.1 through 4.3 of this Declaration mimic the reporting format of the National Pollutant Release Inventory (NPRI) where possible.

(b) Use the following codes where indicated, listed in declining order of expected accuracy, to describe how each quantity reported in this Part of the Declaration was determined:

- M Monitoring or direct measurement
- C Mass balance
- E Emission factors
- O Engineering estimates

(c) This Declaration requires reporting of data from the 2002 calendar year (January 1 to December 31) and base data from the 1996 calendar year.

If this facility has been granted a time extension to prepare a plan that allows reporting for a year other than 2002, all references to 2002 in this Declaration are considered to represent the new year on which this facility has been granted permission to report.

If applicable, indicate the new year on which this facility is reporting: \_\_\_\_\_

#### 4.1 Nature of Activities

Indicate whether acrylonitrile was manufactured, processed, distributed or otherwise used, and the nature of such activities at the facility for the time period January 1, 1996 to present. For by-products, identify the substances that are the source of the by-product. More than one activity may be identified.

Manufacture:	<input type="checkbox"/> For on-site use/processing <input type="checkbox"/> For sale/distribution <input type="checkbox"/> As a by-product <input type="checkbox"/> As an impurity	Process:	<input type="checkbox"/> As a reactant <input type="checkbox"/> As a formulation component <input type="checkbox"/> As an article component <input type="checkbox"/> Repackaging only <input type="checkbox"/> As a by-product
Description:	_____	Description:	_____
Distribution:	<input type="checkbox"/> Sold or distributed on its own <input type="checkbox"/> Sold or distributed as part of a product	Other use:	<input type="checkbox"/> As a physical or chemical processing aid <input type="checkbox"/> As a manufacturing aid <input type="checkbox"/> Ancillary or other use <input type="checkbox"/> As a by-product
Description:	_____	Description:	_____

#### 4.2 On-Site Releases

Did this facility release acrylonitrile on-site in 2002 and/or in 1996?

2002:  Yes  No

1996:  Yes  No

If yes for either year, report below all on-site releases of acrylonitrile in kg/year for that year in the appropriate field.

If no for both years, proceed to Part 4.3 of this Declaration.

##### 4.2.1 Releases to Air

Report all releases of acrylonitrile to air with the basis of estimate code. Include both routine and accidental or non-routine releases.

Type of Air Release	Release — 2002	Basis of Estimate Code	Release — 1996	Basis of Estimate Code
(a) Stack, point or vent releases				
(b) Storage or handling releases				
(c) Fugitive releases				
(d) Spills				
(e) Wastewater collection/ treatment releases				
(f) Loading/Unloading releases				
(g) Other non-point releases				
A. Total Air Releases (a+b+c+d+e+f+g)		A1		A2

##### 4.2.2 Underground Injection

Report the total quantity of acrylonitrile injected underground on-site with the basis of estimate code.

B1. Total Underground Injection Releases — 2002	Basis of Estimate Code	B2. Total Underground Injection Releases — 1996	Basis of Estimate Code

**4.2.3 Releases to Surface Waters**

Report the total of all releases of acrylonitrile to surface waters with the basis of estimate code, indicating the type(s) of release(s).

- direct discharges  
 spills

- leaks  
 other releases

C1. Total Surface Water Releases — 2002	Basis of Estimate Code	C2. Total Surface Water Releases — 1996	Basis of Estimate Code

**4.2.4 Releases to Land**

Report the total of all releases of acrylonitrile to land *within* the boundaries of the facility with the basis of estimate code, indicating the type(s) of release(s).

- landfill  
 land treatment  
 spills

- leaks  
 other releases

D1. Total Land Releases — 2002	Basis of Estimate Code	D2. Total Land Releases — 1996	Basis of Estimate Code

**4.2.5 Total Releases**

Report the total quantity of acrylonitrile released on-site.

Total Quantity Released On-Site — 2002 = A1+B1+C1+D1

E1

Total Quantity Released On-Site — 1996 = A2+B2+C2+D2

E2

**4.3 Off-Site Transfers**

**4.3.1 No data is required for Part 4.3.1 of this Declaration**

**4.3.2 Off-Site Transfers for Disposal**

Did this facility transfer acrylonitrile off-site for disposal in 2002 and/or in 1996?

2002:  Yes  No

1996:  Yes  No

If yes for either year, report below all off-site transfers of acrylonitrile for disposal in kg/year for that year in the appropriate field.

If no for both years, proceed to Part 4.3.3 of this Declaration.

Report the total of all off-site transfers of acrylonitrile for disposal with the basis of estimate code. Report only the net mass of acrylonitrile that was sent off-site, not the total mass of the mixture containing acrylonitrile. Report transfers to the first off-site location only and not any subsequent transfers by the waste disposal company.

G1. Total Disposal Transfers — 2002	Basis of Estimate Code	G2. Total Disposal Transfers — 1996	Basis of Estimate Code

**4.3.3 Off-Site Transfers for Recycling**

Did this facility transfer acrylonitrile off-site for recycling in 2002 and/or in 1996?

2002:  Yes  No

1996:  Yes  No

If yes for either year, report below all off-site transfers of acrylonitrile for recycling in kg/year for that year in the appropriate field.

If no for both years, proceed to Part 4.4 of this Declaration.

Report the total of all off-site transfers of acrylonitrile for recycling with the basis of estimate code. Report only the net mass of acrylonitrile that was sent off-site, not the total mass of the mixture containing acrylonitrile. Report transfers to the first off-site location only and not any subsequent transfers by the recycling facility.

H1. Total Recycle Transfers — 2002	Basis of Estimate Code	H2. Total Recycle Transfers — 1996	Basis of Estimate Code

**4.4 Additional Baseline Information**

#### 4.4.1 Existing Pollution Prevention and Pollution Control Equipment and Measures

Describe existing pollution prevention and pollution control equipment and measures for controlling releases of acrylonitrile. Indicate the year the method(s) were put into effect and include estimates of the change in releases or transfers of acrylonitrile in kg/year that those method(s) achieved between installation and December 31, 2001.

Existing Equipment and Measures	Year	Change to Releases or Transfers

#### 5.0 Anticipated Results, Timelines and Methods

##### 5.1 Anticipated Actions

In the table below, describe the anticipated actions to be taken in implementing the P2 plan (Column I). In Columns II and III, identify whether each action represents a pollution prevention or other environmental approach, selecting from the list of options provided. For each action, report the corresponding change to releases or transfers of acrylonitrile anticipated to be achieved from implementation of that action in kg/year, where possible (Column IV). Note that predicting a quantitative change for some actions, such as training, may not be possible. In Column V, relate these changes to a specific element of the baseline information described in Parts 4.2 and 4.3 of this Declaration using the appropriate alphabetical label (*e.g.*, for changes to total surface water releases, use the label “C”). In Column VI, identify the planned completion date for each action.

I. Anticipated Action	II. Pollution Prevention Method(s) Used (where applicable) <sup>1</sup>	III. Other Environmental Protection Method(s) Used (where applicable) <sup>2</sup>	IV. Anticipated Change*	V. Baseline Element(s) Affected	VI. Planned Completion Date

\* Indicate a decrease with a negative sign (“-”) and an increase with a positive sign (“+”) in front of the reported quantity.

<sup>1</sup> Pollution Prevention Methods

- Materials or feedstock substitution
- Product design or reformulation
- Equipment or process modifications
- Spill and leak prevention
- On-site reuse, recycling or recovery
- Improved inventory management or purchasing techniques
- Good operating practices or training
- Other

<sup>2</sup> Other Environmental Protection Methods

- Energy recovery
- Off-site recycling
- Incineration with energy recovery
- Waste treatment
- Pollution control
- Safe disposal
- Other

##### 5.2 Total Anticipated Results

The table below summarizes the total anticipated change to releases and/or transfers of acrylonitrile relative to both 2002 and 1996 in kg/year and as a percentage. In Columns VII and VIII (relative to 2002), report those changes anticipated to be achieved from implementing all actions described in Part 5.1 of this Declaration.

In Columns IX and X (relative to 1996), include both the changes reported in Columns VII and VIII and those achieved between 2002 and 1996 as reported in Parts 4.2 and 4.3 of this Declaration.

Type of Release or Transfer	VII. Total Anticipated Change* Relative to 2002 (kg/year)	VIII. Total Anticipated Change* Relative to 2002 (%)	IX. Total Anticipated Change* Relative to 1996 (kg/year)	X. Total Anticipated Change* Relative to 1996 (%)
5.2.1 On-site releases				
5.2.2 Off-site transfers for disposal				
5.2.3 Off-site transfers for recycling				

\* Indicate a decrease with a negative sign (“-”) and an increase with a positive sign (“+”) in front of the reported quantity.

##### 5.3 Detailed Anticipated Results

The table below details the anticipated changes to on-site releases of acrylonitrile relative to both 2002 and 1996 in kg/year and as a percentage. In Columns XI and XII (relative to 2002), report those changes anticipated to be achieved from implementing only the actions described in Part 5.1 of this Declaration.

In Columns XIII and XIV (relative to 1996), include both the changes reported in Columns VII and VIII and those achieved between 2002 and 1996 as reported in Part 4.2 of this Declaration.

Type of On-Site Release	XI. Total Anticipated Change* Relative to 2002 (kg/year)	XII. Total Anticipated Change* Relative to 2002 (%)	XIII. Total Anticipated Change* Relative to 1996 (kg/year)	XIV. Total Anticipated Change* Relative to 1996 (%)
Releases to Air				
A (a) Stack, point or vent air releases				
A (b) Storage or handling air releases				
A (c) Fugitive air releases				
A (d) Spills to air				
A (e) Wastewater collection/treatment air releases				
A (f) Loading/Unloading air releases				
A (g) Other air releases				
Other On-Site Releases				
B Underground injection				
C Releases to surface waters				
D Releases to land				

\* Indicate a decrease with a negative sign ("–") and an increase with a positive sign ("+") in front of the reported quantity.

#### 6.0 Monitoring and Reporting

Briefly describe the indicators chosen to assess progress, the monitoring plan (including the frequency), and the reporting components of the P2 plan in relation to acrylonitrile.

#### 7.0 Risk Management Objective

Describe how the P2 plan outlined in this Declaration meets the risk management objective identified in paragraph 3(1) of the notice. If this plan does not meet the risk management objective, explain why.

#### 8.0 Factors to Consider

Describe how the P2 plan outlined in this Declaration takes into account the factors to be considered identified in paragraphs 3(2) through 3(6) of the notice.

#### 9.0 Authorization

I have read this Declaration, understand its contents and confirm that the information submitted is correct. I further understand that if any information submitted in this Declaration becomes false or misleading, I must submit an amendment to this Declaration within 30 days after the time that the information has become false or misleading.

Signature

Date

Name:

Please Print

Title/Position:

Please Print

**Schedule 2: Request for Waiver of Factors to Consider — Acrylonitrile  
(Subsection 56(5) of CEPA 1999)**

Notice Reference Number: 052502

Please refer to the instruction booklet “Instruction for Completing the Schedules to the *Canada Gazette* Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Acrylonitrile” for direction on how to complete this Request.

**1.0 Facility Information**

Company Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Street Address of Facility: \_\_\_\_\_

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Mailing Address of Facility: \_\_\_\_\_

(if different from Street Address)

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Facility Technical Contact: \_\_\_\_\_

e-mail (if applicable): \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number (if applicable): \_\_\_\_\_  
(with area code) (with area code)

National Pollutant Release Inventory ID (if no ID, leave blank): \_\_\_\_\_

6-Digit North American Industry Classification System (NAICS) Code: \_\_\_\_\_

4-Digit Canadian Standard Industrial Classification (SIC) Code: \_\_\_\_\_

**2.0 Factor(s) for Which a Waiver is Requested**

Identify exactly which factor(s) listed in paragraph 3 of the notice for which a waiver is requested.

**3.0 Rationale for Request**

Explain why it would not be reasonable or practicable to consider each factor for which a waiver is requested.

Explain how consideration of the remaining factors will ensure that the resulting pollution prevention plan will satisfactorily address the substance or group of substances in relation to which the plan is to be prepared.

*Optional:* Explain which, if any, additional factors you propose to consider in preparing the pollution prevention plan.

**4.0 Authorization**

I have read this Request, understand its contents and confirm that the information submitted is correct.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Name: \_\_\_\_\_

Please Print

Title/Position: \_\_\_\_\_

Please Print

**Schedule 3: Request for Extension of Time — Acrylonitrile**Notice Reference Number: 052502

Declaration ID: \_\_\_\_\_

Please refer to the instruction booklet "Instruction for Completing the Schedules to the *Canada Gazette* Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Acrylonitrile" for direction on how to complete this Request.

**1.0 Facility Information**

Company Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Street Address of Facility: \_\_\_\_\_

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Mailing Address of Facility: \_\_\_\_\_

(if different from Street Address)

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Facility Technical Contact: \_\_\_\_\_

e-mail (if applicable): \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number (if applicable): \_\_\_\_\_  
(with area code) (with area code)

National Pollutant Release Inventory ID (if no ID, leave blank): \_\_\_\_\_

6-Digit North American Industry Classification System (NAICS) Code: \_\_\_\_\_

4-Digit Canadian Standard Industrial Classification (SIC) Code: \_\_\_\_\_

**2.0 Request for Time Extension**

A time extension is requested (choose one):

- (a)  to prepare a pollution prevention plan. It is requested that the date by which a pollution prevention plan must be prepared as per the notice be extended to \_\_\_\_\_ (specify exact date — year/month/day) for the facility identified in Part 1.0 of this Request. It is understood that the "Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999)" must be filed within 30 days after this date.
- (b)  to implement a pollution prevention plan. It is requested that the date by which a pollution prevention plan must be implemented as per the notice be extended to \_\_\_\_\_ (specify exact date — year/month/day) for the facility identified in Part 1.0 of this Request. It is understood that the "Declaration that a Pollution Prevention Plan has been Implemented — Acrylonitrile (Subsection 58(2) of CEPA 1999)" must be filed within 30 days after this date.
- (c)  to submit Interim Progress Report # \_\_\_\_\_ (specify which Interim Progress Report, as listed in the notice). It is requested that the date by which Interim Progress Report # \_\_\_\_\_ must be filed as per the notice be extended to \_\_\_\_\_ (specify exact date — year/month/day) for the facility identified in Part 1.0 of this Request. It is understood that an "Interim Progress Report — Acrylonitrile" must be filed by this date.

**3.0 Rationale for Request**Explain why further time is necessary to prepare or implement a pollution prevention plan or to submit an Interim Progress Report.  
\_\_\_\_\_For a request for time extension to implement a pollution prevention plan, describe the anticipated impact of the requested time extension, addressing specifically any relevant factors to be considered specified in the notice.  
\_\_\_\_\_**4.0 Authorization**

I have read this Request, understand its contents and confirm that the information submitted is correct.

Signature

Date

Name: \_\_\_\_\_

Please Print

Title/Position: \_\_\_\_\_

Please Print

**Schedule 4: Interim Progress Report — Acrylonitrile**Notice Reference Number: 052502

Declaration ID: \_\_\_\_\_

Please refer to the instruction booklet "Instruction for Completing the Schedules to the *Canada Gazette* Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Acrylonitrile" for direction on how to complete this Report.

Is this an amendment to a Report previously submitted?  Yes  No

If yes, complete Parts 1.0 and 9.0, and any other Parts of this Report where previously reported information has become false or misleading. Previously reported information that is unchanged need not be resubmitted.

**1.0 Facility Information**

Company Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Street Address of Facility: \_\_\_\_\_

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Mailing Address of Facility: \_\_\_\_\_

(if different from Street Address) \_\_\_\_\_

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Facility Technical Contact: \_\_\_\_\_

e-mail (if applicable): \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number (if applicable): \_\_\_\_\_  
(with area code) (with area code)

National Pollutant Release Inventory ID (if no ID, leave blank): \_\_\_\_\_

6-Digit North American Industry Classification System (NAICS) Code: \_\_\_\_\_

4-Digit Canadian Standard Industrial Classification (SIC) Code: \_\_\_\_\_

**2.0 No data is required for Part 2.0 of this Report****3.0 Substance in the Notice**Substance in the notice for which the following information applies : AcrylonitrileCAS Registry Number: 107-13-1**4.0 Baseline Information During Implementation of the Pollution Prevention (P2) Plan****Notes:**

(a) The data collected in Parts 4.1 through 4.3 of this Report mimic the reporting format of the National Pollutant Release Inventory (NPRI) where possible.

(b) Use the following codes where indicated, listed in declining order of expected accuracy, to describe how each quantity reported in this Part of the Report was determined:

M Monitoring or direct measurement

C Mass balance

E Emission factors

O Engineering estimates

(c) This Notice requires reporting of data in an Interim Progress Report for the following calendar years (January 1 to December 31) as specified in paragraph 11 of the Notice:

Interim Progress Report	Reporting Year
Interim Progress Report #1	2003
Interim Progress Report #2	2004

Indicate the year on which this Report will be reporting: \_\_\_\_\_

#### 4.1 Nature of Activities

Indicate whether acrylonitrile was manufactured, processed, distributed or otherwise used, and the nature of such activities at this facility during the year identified in Part 4.0(c) of this Report. For by-products, identify the substances that are the source of the by-product. More than one activity may be identified.

Manufacture:	<input type="checkbox"/> For on-site use/processing <input type="checkbox"/> For sale/distribution <input type="checkbox"/> As a by-product <input type="checkbox"/> As an impurity	Process:	<input type="checkbox"/> As a reactant <input type="checkbox"/> As a formulation component <input type="checkbox"/> As an article component <input type="checkbox"/> Repackaging only <input type="checkbox"/> As a by-product
	Description: _____		Description: _____
Distribution:	<input type="checkbox"/> Sold or distributed on its own <input type="checkbox"/> Sold or distributed as part of a product	Other use:	<input type="checkbox"/> As a physical or chemical processing aid <input type="checkbox"/> As a manufacturing aid <input type="checkbox"/> Ancillary or other use <input type="checkbox"/> As a by-product
	Description: _____		Description: _____

#### 4.2 On-Site Releases

Did this facility release acrylonitrile on-site in the year identified in Part 4.0(c) of this Report?

Yes  No

If yes, report below all on-site releases of acrylonitrile in kg/year in the appropriate field.

If no, proceed to Part 4.3 of this Report.

##### 4.2.1 Releases to Air

Report all releases of acrylonitrile to air with the basis of estimate code. Include both routine and accidental or non-routine releases.

Type of Air Release	Release	Basis of Estimate Code
(a) Stack, point or vent releases		
(b) Storage or handling releases		
(c) Fugitive releases		
(d) Spills		
(e) Wastewater collection/ treatment releases		
(f) Loading/Unloading releases		
(g) Other releases		
A. Total Air Releases (a+b+c+d+e+f+g)		A

##### 4.2.2 Underground Injection

Report the total quantity of acrylonitrile injected underground on-site with the basis of estimate code.

B. Total Underground Injection Releases	Basis of Estimate Code

##### 4.2.3 Releases to Surface Waters

Report the total of all releases of acrylonitrile to surface waters with the basis of estimate code, indicating the type(s) of release(s).

direct discharges                            leaks  
 spills                                    other releases

C1. Total Surface Water Releases	Basis of Estimate Code

##### 4.2.4 Releases to Land

Report the total of all releases of acrylonitrile to land *within* the boundaries of the facility with the basis of estimate code, indicating the type(s) of release(s).

landfill                                    leaks  
 land treatment                        other releases  
 spills

D1. Total Land Releases	Basis of Estimate Code

**4.2.5 Total Releases**

Report the total quantity of acrylonitrile released on-site.

Total Quantity Released On-Site = A+B+C+D

E

**4.3 Off-Site Transfers****4.3.1 No data is required for Part 4.3.1 of this Report****4.3.2 Off-Site Transfers for Disposal**

Did this facility transfer acrylonitrile off-site for disposal in the year identified in Part 4.0(c) of this Report?  Yes  No  
If yes, report below all off-site transfers of acrylonitrile for disposal in kg/year in the appropriate field.

If no, proceed to Part 4.3.3 of this Report.

Report the total of all off-site transfers of acrylonitrile for disposal with the basis of estimate code. Report only the net mass of acrylonitrile that was sent off-site, not the total mass of the mixture containing acrylonitrile. Report transfers to the first off-site location only and not any subsequent transfers by the waste disposal company.

G. Total Disposal Transfers	Basis of Estimate Code

**4.3.3 Off-Site Transfers for Recycling**

Did this facility transfer acrylonitrile off-site for recycling in the year identified in Part 4.0(c) of this Report?  Yes  No  
If yes, report below all off-site transfers of acrylonitrile for recycling in kg/year in the appropriate field.

If no, proceed to Part 4.4 of this Report.

Report the total of all off-site transfers of acrylonitrile for recycling with the basis of estimate code. Report only the net mass of acrylonitrile that was sent off-site, not the total mass of the mixture containing acrylonitrile. Report transfers to the first off-site location only and not any subsequent transfers by the recycling facility.

H. Total Recycling Transfers	Basis of Estimate Code

**5.0 Results Achieved To Date and Methods Used****5.1 Actions Taken To Date**

In the table below, describe the actions taken to date in implementing the P2 plan (Column I). In Columns II and III, identify whether each action represented a pollution prevention or other environmental approach, selecting from the list of options provided. For each action, report the corresponding change to releases or transfers of acrylonitrile achieved to date from implementation of that action in kg/year, where possible (Column IV). Note that reporting a quantitative change for some actions, such as training, may not be possible. In Column V, relate these changes to a specific element of the baseline information described in Parts 4.2 and 4.3 of this Report using the appropriate alphabetical label (e.g., for changes to total surface water releases, use the label "C"). In Column VI, identify the date each action was completed.

I. Action Taken	II. Pollution Prevention Method(s) Used (where applicable) <sup>1</sup>	III. Other Environmental Protection Method(s) Used (where applicable) <sup>2</sup>	IV. Change Achieved to Date*	V. Baseline Element(s) Affected	VI. Completion Date

\* Indicate a decrease with a negative sign ("–") and an increase with a positive sign ("+") in front of the reported quantity.

<sup>1</sup> Pollution Prevention Methods

- Materials or feedstock substitution
- Product design or reformulation
- Equipment or process modifications
- Spill and leak prevention
- On-site reuse, recycling or recovery
- Improved inventory management or purchasing techniques
- Good operating practices or training
- Other

<sup>2</sup> Other Environmental Protection Methods

- Energy recovery
- Off-site recycling
- Incineration with energy recovery
- Waste treatment
- Pollution control
- Safe disposal
- Other

### 5.2 Total Results Achieved To Date

The table below summarizes the total change achieved to date to releases and/or transfers of acrylonitrile relative to both 2002 and 1996 (years reported in the “Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999”)) in kg/year and as a percentage. In Columns VII and VIII (relative to 2002), report those changes achieved to date from implementing actions described in Part 5.1 of this Report.

In Columns IX and X (relative to 1996), include both the changes reported in Columns VII and VIII and those achieved between 2002 and 1996 as reported in Parts 4.2 and 4.3 of the “Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999.”)

Type of Release or Transfer	VII. Total Change Achieved To Date* Relative to 2002 (kg/year)	VIII. Total Change Achieved To Date* Relative to 2002 (%)	IX. Total Change Achieved To Date* Relative to 1996 (kg/year)	X. Total Change Achieved To Date* Relative to 1996 (%)
5.2.1 On-site releases				
5.2.2 Off-site transfers for disposal				
5.2.3 Off-site transfers for recycling				

\* Indicate a decrease with a negative sign (“-”) and an increase with a positive sign (“+”) in front of the reported quantity.

### 5.3 Detailed Results Achieved

Further describe the total change achieved to date to on-site releases of acrylonitrile relative to both 2002 and 1996 in kg/year and as a percentage. In Columns XI and XII (relative to 2002), report those changes achieved from implementing only the actions described in Part 5.1 of this Report.

In Columns XIII and XIV (relative to 1996), include both the changes reported in Columns VII and VIII and those achieved between 2002 and 1996 as reported in Parts 4.2 and 4.3 of the “Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999.”)

Type of On-Site Release	XI. Total Change Achieved to Date* Relative to 2002 (kg/year)	XII. Total Change Achieved to Date* Relative to 2002 (%)	XIII. Total Change Achieved to Date* Relative to 1996 (kg/year)	XIV. Total Change Achieved to Date* Relative to 1996 (%)
Releases to Air				
A (a) Stack, point or vent air releases				
A (b) Storage or handling air releases				
A (c) Fugitive air releases				
A (d) Spills to air				
A (e) Wastewater collection/treatment air releases				
A (f) Loading/Unloading air releases				
A (g) Other air releases				
Other On-Site Releases				
B Underground injection				
C Releases to surface waters				
D Releases to land				

\* Indicate a decrease with a negative sign (“-”) and an increase with a positive sign (“+”) in front of the reported quantity.

### 6.0 Monitoring and Reporting

Briefly describe the indicators that assess progress, the monitoring plan (including the frequency), and the reporting components of the P2 plan in relation to acrylonitrile.

7.0 No data is required for Part 7.0 of this Report

8.0 No data is required for Part 8.0 of this Report

9.0 Authorization

I have read this Report, understand its contents and confirm that the information submitted is correct. I further understand that if any information submitted in this Report becomes false or misleading, I must submit an amendment to this Report within 30 days after the time that the information has become false or misleading.

Signature

Date

Name:

Please Print

Title/Position:

Please Print

**Schedule 5: Declaration That a Pollution Prevention Plan Has Been Implemented — Acrylonitrile (Subsection 58(2) of CEPA, 1999)**Notice Reference Number: 052502

Declaration ID: \_\_\_\_\_

Please refer to the instruction booklet "Instruction for Completing the Schedules to the *Canada Gazette* Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Acrylonitrile" for direction on how to complete this Declaration.

Is this an amendment to a Declaration previously submitted?  Yes  No

If yes, complete Parts 1.0 and 9.0, and any other Parts of this Declaration where previously reported information has become false or misleading. Previously reported information that is unchanged need not be resubmitted.

**1.0 Facility Information**

Company Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Street Address of Facility: \_\_\_\_\_

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Mailing Address of Facility: \_\_\_\_\_

(if different from Street Address)

City: \_\_\_\_\_ Province/Territory: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Facility Technical Contact: \_\_\_\_\_

e-mail (if applicable): \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number (if applicable): \_\_\_\_\_  
(with area code) (with area code)

National Pollutant Release Inventory ID (if no ID, leave blank): \_\_\_\_\_

6-Digit North American Industry Classification System (NAICS) Code: \_\_\_\_\_

4-Digit Canadian Standard Industrial Classification (SIC) Code: \_\_\_\_\_

**2.0 No data is required for Part 2.0 of this Declaration****3.0 Substance in the Notice**Substance in the notice for which the following information applies : AcrylonitrileCAS Registry Number: 107-13-1**4.0 Baseline Information After Implementation of the Pollution Prevention (P2) Plan**Notes:

(a) The data collected in Parts 4.1 through 4.3 of this Declaration mimic the reporting format of the National Pollutant Release Inventory (NPRI) where possible.

(b) Use the following codes where indicated, listed in declining order of expected accuracy, to describe how each quantity reported in this Part of the Declaration was determined:

- M Monitoring or direct measurement
- C Mass balance
- E Emission factors
- O Engineering estimates

(c) This Declaration requires reporting of data from the final calendar year (January 1 to December 31) of full implementation of the P2 plan. For this notice, the final year of full implementation can be no later than 2006 or any other year specified to a person who has been granted an extension of time to implement a plan.

Indicate the year for which this Declaration will be reporting: \_\_\_\_\_

**4.1 Nature of Activities**

Indicate whether acrylonitrile was manufactured, processed, distributed or otherwise used, and the nature of such activities at this facility during the year identified in Part 4.0(c) of this Declaration. For by-products, identify the substances that are the source of the by-product. More than one activity may be identified.

Manufacture:	<input type="checkbox"/> For on-site use/processing	Process:	<input type="checkbox"/> As a reactant
	<input type="checkbox"/> For sale/distribution		<input type="checkbox"/> As a formulation component
	<input type="checkbox"/> As a by-product		<input type="checkbox"/> As an article component
	<input type="checkbox"/> As an impurity		<input type="checkbox"/> Repackaging only
Description: _____		Description: _____	
Distribution:		<input type="checkbox"/> Sold or distributed on its own	<input type="checkbox"/> As a physical or chemical processing aid
		<input type="checkbox"/> Sold or distributed as part of a product	<input type="checkbox"/> As a manufacturing aid
Description: _____		<input type="checkbox"/> Ancillary or other use	
		<input type="checkbox"/> As a by-product	
Description: _____		Description: _____	

## 4.2 On-Site Releases

Did this facility release acrylonitrile on-site in the year identified in Part 4.0 (c) of this Declaration?

Did this harm

If yes, report below all on-site releases of the Substance in kg/year in the appropriate field.

If yes, report below all off site releases of the  
If no, proceed to Part 4.3 of this Declaration

#### 4.2.1 Releases to Air

Report all releases of acrylonitrile to air with the basis of estimate code. Include both routine and accidental or non-routine releases.

Type of Air Release	Release	Basis of Estimate Code
(a) Stack, point or vent releases		
(b) Storage or handling releases		
(c) Fugitive releases		
(d) Spills		
(e) Wastewater collection/treatment releases		
(f) Loading/Unloading releases		
(g) Other releases		
A. Total Air Releases (a+b+c+d+e+f+g)		A

#### **4.2.2 Underground Injection**

Report the total quantity of acrylonitrile injected underground on-site with the basis of estimate code.

B. Total Underground Injection Releases	Basis of Estimate Code

#### 4.2.3 Releases to Surface Waters

Report the total of all releases of acrylonitrile to surface waters with the basis of estimate code, indicating the type(s) of release(s).

direct discharges       leaks  
 spills       other releases

C. Total Surface Water Releases	Basis of Estimate Code

#### 4.2.4 Releases to Land

Report the total of all releases of acrylonitrile to land *within* the boundaries of the facility with the basis of estimate code, indicating the type(s) of release(s).

- landfill
- land treatment
- spills
- leaks
- other releases

D. Total Land Releases	Basis of Estimate Code

#### 4.2.5 Total Releases

Report the total quantity of acrylonitrile released on-site

Total Quantity Released On-Site = A+B+C+D

4.3 *Off-Site Transfers*4.3.1 No data is required for Part 4.3.1 of this Declaration4.3.2 *Off-Site Transfers for Disposal*

Did this facility transfer acrylonitrile off-site for disposal in the year identified in Part 4.0(c) of this Declaration?

 Yes  NoIf yes, report below all off-site transfers of acrylonitrile for disposal in kg/year in the appropriate field.

If no, proceed to Part 4.3.3 of this Declaration.

Report the total of all off-site transfers of acrylonitrile for disposal with the basis of estimate code. Report only the net mass of acrylonitrile that was sent off-site, not the total mass of the mixture containing acrylonitrile. Report transfers to the first off-site location only and not any subsequent transfers by the waste disposal company.

G. Total Disposal Transfers	Basis of Estimate Code

4.3.3 Off-Site Transfers for Recycling

Did this facility transfer acrylonitrile off-site for recycling in the year identified in Part 4.0(c) of this Declaration?

 Yes  NoIf yes, report below all off-site transfers of acrylonitrile for recycling in kg/year in the appropriate field.

If no, proceed to Part 4.4 of this Declaration.

Report the total of all off-site transfers of acrylonitrile for recycling with the basis of estimate code. Report only the net mass of acrylonitrile that was sent off-site, not the total mass of the mixture containing acrylonitrile. Report transfers to the first off-site location only and not any subsequent transfers by the recycling facility.

H. Total Recycling Transfers	Basis of Estimate Code

## 5.0 Results Achieved and Methods Used

## 5.1 Actions Taken

In the table below, describe the actions taken in implementing the P2 plan (Column I). In Columns II and III, identify whether each action represented a pollution prevention or other environmental approach, selecting from the list of options provided. For each action, report the corresponding change to releases or transfers of acrylonitrile achieved from implementation of that action in kg/year, where possible (Column IV). Note that reporting a quantitative change for some actions, such as training, may not be possible. In Column V, relate these changes to a specific element of the baseline information described in Parts 4.2 and 4.3 of this Declaration using the appropriate alphabetical label (e.g., for changes to total surface water releases, use the label "C"). In Column VI, identify the date each action was completed.

I. Action Taken	II. Pollution Prevention Method(s) Used (where applicable) <sup>1</sup>	III. Other Environmental Protection Method(s) Used (where applicable) <sup>2</sup>	IV. Change Achieved*	V. Baseline Element(s) Affected	VI. Completion Date

\* Indicate a decrease with a negative sign ("−") and an increase with a positive sign ("+") in front of the reported quantity.

<sup>1</sup> Pollution Prevention Methods

- Materials or feedstock substitution
- Product design or reformulation
- Equipment or process modifications
- Spill and leak prevention
- On-site reuse, recycling or recovery
- Improved inventory management or purchasing techniques
- Good operating practices or training
- Other

<sup>2</sup> Other Environmental Protection Methods

- Energy recovery
- Off-site recycling
- Incineration with energy recovery
- Waste treatment
- Pollution control
- Safe disposal
- Other

## 5.2 Total Results Achieved

The table below summarizes the total change achieved to releases and/or transfers of acrylonitrile relative to both 2002 and 1996 (years reported in the "Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999)") in kg/year and as a percentage. In Columns VII and VIII (relative to 2002), report those changes achieved from implementing actions described in Part 5.1 of this Declaration.

In Columns IX and X (relative to 1996), include both the changes reported in Columns VII and VIII and those achieved between 2002 and 1996 as reported in Parts 4.2 and 4.3 of the “Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999).”

Type of Release or Transfer	VII. Total Change Achieved* Relative to 2002 (kg/year)	VIII. Total Change Achieved* Relative to 2002 (%)	IX. Total Change Achieved * Relative to 1996 (kg/year)	X. Total Change Achieved* Relative to 1996 (%)
5.2.1 On-site releases				
5.2.2 Off-site transfers for disposal				
5.2.3 Off-site transfers for recycling				

\* Indicate a decrease with a negative sign (“-”) and an increase with a positive sign (“+”) in front of the reported quantity.

### 5.3 Detailed Results Achieved

Further describe the total change achieved to on-site releases of acrylonitrile relative to both 2002 and 1996 in kg/year and as a percentage. In Columns XI and XII (relative to 2002), report those changes achieved from implementing only the actions described in Part 5.1 of this Declaration.

In Columns XIII and XIV (relative to 1996), include both the changes reported in Columns VII and VIII and those achieved between 2002 and 1996 as reported in Parts 4.2 and 4.3 of the “Declaration that a Pollution Prevention Plan has been Prepared and is being Implemented — Acrylonitrile (Subsection 58(1) of CEPA 1999).”

Type of On-Site Release	XI. Total Change Achieved* Relative to 2002 (kg/year)	XII. Total Change Achieved* Relative to 2002 (%)	XIII. Total Change Achieved* Relative to 1996 (kg/year)	XIV. Total Change Achieved* Relative to 1996 (%)
Releases to Air				
A (a) Stack, point or vent air releases				
A (b) Storage or handling air releases				
A (c) Fugitive air releases				
A (d) Spills to air				
A (e) Wastewater collection/treatment air releases				
A (f) Loading/Unloading air releases				
A (g) Other air releases				
Other On-Site Releases				
B Underground injection				
C Releases to surface waters				
D Releases to land				

\* Indicate a decrease with a negative sign (“-”) and an increase with a positive sign (“+”) in front of the reported quantity.

### 6.0 Monitoring and Reporting

Briefly describe the indicators that assessed progress, the monitoring plan (including the frequency), and the reporting components of the P2 plan in relation to acrylonitrile.

### 7.0 Risk Management Objective

Describe how the P2 plan outlined in this Declaration met the risk management objective identified in paragraph 3(1) of the notice. If this plan did not meet the risk management objective, explain why.

### 8.0 No data is required for Part 8.0 of this Declaration

### 9.0 Authorization

I have read this Declaration, understand its contents and confirm that the information submitted is correct. I further understand that if any information submitted in this Declaration becomes false or misleading, I must submit an amendment to this Declaration within 30 days after the time that the information has become false or misleading.

Signature

Date

Name:

Please Print

Title/Position:

Please Print