

State of Illinois
Department of Transportation
Bureau of Materials
Springfield

POLICY MEMORANDUM

Revised: [May 13, 2024](#)

28-10.4

This Policy Memorandum supersedes number 28-10.3 dated [July 1, 2012](#)

TO: REGIONAL ENGINEERS AND HIGHWAY BUREAU CHIEFS

SUBJECT: RECLAIMED ASPHALT SHINGLE (RAS) SOURCES

1.0 PURPOSE

1.1 To establish a procedure whereby the Reclaimed Asphalt Shingle (RAS) production of a **Source** will be conducted in accordance with applicable environmental laws and regulations in a manner that results in a product that may be accepted for use on **State** or **Local Agency** projects based on a uniform certified QC program. This policy shall be referenced with all applications for Illinois Environmental Protection Agency (**Illinois EPA**) permits (Bureaus of Air, Land and Water) or for applications of **BUD** permits required to operate a RAS processing facility.

2.0 SCOPE

2.1 This procedure [applies](#) to all **Sources** which desire to supply RAS for incorporation into [Hot-Mix Asphalt \(HMA\) mixes](#) or [other approved applications](#) for **State** and **Local Agency** projects.

3.0 DEFINITIONS

ASBESTOS CONTAINING MATERIAL (ACM) – Any material containing more than one percent (1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, **Polarized Light Microscopy**.

ASBESTOS FREE – Asbestos is not detectable using **Polarized Light Microscopy**.

ASBESTOS INSPECTOR – A certified asbestos inspector that has successfully completed, and has been awarded a course certificate for, an Illinois Department of Public Health initial accredited asbestos inspector training course. Asbestos Inspectors are required to successfully complete refresher courses when required to maintain certification.

ASPHALT SHINGLES – A roof shingle mat of fibers impregnated with asphalt and covered with aggregate.

BUD (BENEFICIAL USE DETERMINATION) – Written conditional exemption from **Illinois EPA** under the authority of Section 22.54 of the Illinois Environmental Protection Act (415 ILCS 5/22.54) that specifically exempts a **Source** that is providing Post Consumer shingles from **Illinois EPA** solid waste permit requirements.

BUREAU – Central Bureau of Materials, Illinois Department of Transportation (IDOT).

C&D (CONSTRUCTION AND DEMOLITION) DEBRIS – Waste including, without limitation, shingle materials from the construction, remodeling, repair, and demolition of structures.

CONTRACTOR – The individual, firm, partnership, joint venture, or corporation contracting with the Department for performance of the prescribed work.

DEPARTMENT – Illinois Department of Transportation, including its Districts and Central Bureau offices.

DISTRICT – The IDOT District where the Source facility is located.

DRY SHAKE GRADATION TESTING – Testing that must be performed by a Department prequalified Phase III Construction consultant laboratory, or by a Source technician that has successfully completed the Department's Mixture Aggregate Technician or Aggregate Technician course utilizing a Department approved lab.

HOMEOWNER – Person supplying Post-Consumer Shingles from their home.

LOCAL AGENCY – Municipality, county or township authority.

ILLINOIS EPA – Illinois Environmental Protection Agency.

NESHAP – National Emission Standards for Hazardous Air Pollutants.

MANUFACTURER'S SALVAGED SHINGLES – Asphalt shingles, tabs, and end runs salvaged directly from a shingle manufacturer.

PADDOCK – A fenced-in or walled enclosure used to store quarantined Pre-Processed Post-Consumer Shingles that can be locked and/or sealed to prevent undocumented removal or addition of new material. This area shall have a surface suitable to prevent soil from contaminating the RAS.

PRE-PROCESSED SHINGLES – Manufacturer's Salvaged or Post Consumer shingles that remain to be ground to Department specifications.

PROCESSED SHINGLES – Manufacturer's Salvaged or Post-Consumer shingles meeting requirements herein that have been ground to Department specifications.

POLARIZED LIGHT MICROSCOPY (PLM) – Test method to identify asbestos following EPA 600/R-93/116.

POST-CONSUMER SHINGLES (TEAR-OFF) – Shingles salvaged from residential buildings of four or fewer dwelling units and/or single-family dwellings not subject to the NESHAP. Shingles must be collected separately from other general construction or demolition debris at the generation source. Shingles from whole house demolition will not be allowed.

QUALITY CONTROL PLAN (QC PLAN) – A document provided by the **Source** outlining proposed operational details to control the equipment, materials, and production methods to ensure the specified product is obtained.

TRUCK SCALE – A device capable of weighing shingle material at the various stages of the process to be used to measure and document consistent control of the process.

SOURCE – Recycler / Processor who processes shingles for use in HMA or other approved applications and is authorized by the **Illinois EPA** (if located in Illinois) and qualified by the **Department**.

STATE – The State of Illinois.

STOCKPILE – Pile of either pre-processed shingles limited in size by the **Illinois EPA BUD** or Permit or processed shingles.

SUPPLIER – An individual or business that brings shingles into the **Source** facility for the production of RAS.

Direct **suppliers** can be a:

- Roofing Company
- Homeowner

Indirect **suppliers** (must be listed in **QC Plan**):

- Construction/Demolition Recyclers
- Salvager from new shingle manufacturer

TIPPING PAD – Designated **paddock** for unloading incoming loads of shingles prior to asbestos sampling.

TRAINING – An educational program specific to the job duties described in the **QC plan**. The education program shall include specific position responsibilities and the type of training required. For positions that require asbestos training, the education program shall be developed for the specific methods being used by the **Source** and presented by licensed specialist knowledgeable in the safe handling, usage and disposal of this material.

4.0 REQUIREMENTS FOR QUALIFICATION

4.1 Potential **Sources**, from within the **State**, shall possess a **BUD** or permit from the **Illinois EPA** authorizing them to process shingles to **Department** Specifications.

4.2 Potential **Sources** requesting **Department** qualification for their facilities shall make application in writing to the **Bureau**. This application shall include:

4.2.1 A certified statement of compliance (a completed, notarized, and signed *Reclaimed Asphalt Shingles (RAS) Source Certification Form* (Attachment 2) included with the applicable required provisions contained in Section 5).

4.2.2 A complete, detailed **QC Plan** following the *Model QC Plan* (Attachment 1) and Section 7 herein. Approval of the **QC Plan** by the **Bureau** is required for a **Source** to be qualified to supply processed shingles on **Department** projects.

- 4.2.3 A copy of the **BUD** or permit from the **Illinois EPA** for that facility (if located in Illinois).
- 4.3 The **Source** shall contact the **Bureau** to schedule an onsite inspection after all of the following have been completed.
- **Source** receives a permit or **BUD** from the **Illinois EPA** (if located in Illinois)
 - **Source** facility has been constructed and is in an operational condition
 - All required documents have been reviewed and approved by the **Bureau**
- 4.4 A **Source** with a **BUD** or permit (if located in Illinois), an approved **QC Plan** with all required documentation, and passing onsite inspection by the **Bureau**, will be placed on the **Department's Qualified Product List (QPL)** for RAS.

5.0 SOURCE RESPONSIBILITY

- 5.1 Annually submit the following documents to the **Bureau** for qualification by January 31. A complete copy to these documents shall also be sent to the **District** at the same time.
- 5.1.1 A **QC Plan** containing:
- General Company information
 - Organizational chart
 - Contact information
 - Location of **Source**
 - Flow Diagram including **stockpile** signage and location of signs
 - Capacity of processing units/equipment at the site
 - Average/anticipated tons ground per hour (TPH)
 - Final Products
 - Manpower at the site (i.e., foreman, manager, tester, etc.)
 - List of **training** and qualification for staff and **Suppliers**
 - Ticket information (copy to be provided)
 - Corrective action procedures in writing if applicable
 - Any changes unique to the contract (changes in plant, personnel, flow diagrams)
 - Any updates to previous documents
- 5.1.2 A completed *Reclaimed Asphalt Shingles (RAS) Source Certification Form* (Attachment 2).
- 5.1.3 A copy of current **BUD** or **Illinois EPA** permit (if located in Illinois) as required in Section 4.1 above.
- 5.2 Perform asbestos testing, process and perform **dry shake gradation testing** on RAS furnished to **State** and **Local Agency** projects according to the **Source QC Plan** that is in compliance with the material requirements specified in the **Standard Specifications Section 1031** before shipment.
- 5.2.1 **Stockpiles** that have been processed and built prior to a **Source** being an Approved Illinois RAS **Source** Producer will not be qualified for use on **State** of Illinois and **Local Agency** projects without consent of the **Bureau**.

- 5.2.2 Test the processed RAS, and provide results to the **District**, at a minimum frequency of one (1) **dry shake gradation** every 500 tons.
- 5.3 **Stockpile**, process and transport **Manufacturer's Salvaged shingles** separately from **Post-Consumer shingles**.
- 5.4 For **Post-Consumer shingles**:
 - 5.4.1 **Accept only** shingles delivered by a **Supplier**.
 - 5.4.2 **Quarantine** all incoming loads of **Post-Consumer shingles in Paddocks** until all asbestos testing is completed and found to be **Asbestos Free**.
 - 5.4.3 **Immediately remove** the entire **contents of the Paddock** from the premises to an **acceptable landfill** if any test result indicates asbestos is present within the quarantined **stockpile**.
- 5.5 Reimburse the **Department** for on-site inspection costs associated with the initial and **subsequent Bureau** inspections if the **Source** is located more than 50 miles outside the **State** line and inspections cannot be completed within one day's normal work hours of 8:00 A.M. to 4:30 P.M. **Reimbursement includes** transportation, per diem (meals), lodging and incidental travel costs incurred by the **Department's** inspector. The **reimbursement** shall not exceed the limits established by the **Department's** travel regulations. At the **Department's** option, sampling arrangements may be made through a mutually approved private inspection agency.
- 5.6 Provide written certification to the **Contractor** that the RAS has been produced in compliance with all **State** and Federal laws, statutes and this policy. **Include in the** certification whether it was classified as **Post-Consumer** or **Manufacturer's Salvaged RAS**. **In addition**, when processed **Post-Consumer RAS** is supplied **provide** the **Contractor** with written certification that the **Source** has been issued all the necessary permits and authorizations from **Illinois EPA** and is operating in compliance with these authorizations (**when located in Illinois**).
- 5.7 Clearly identify each **paddock** of **Manufacturer's Salvaged** and **Post-Consumer shingles**, processed RAS from **Manufacturer's Salvaged** and **Post-Consumer shingles**, and storage areas for other recyclable materials (such as nails and aluminum trim) and waste as referenced in the **QC Plan**. **Maintain each Paddock** to control the flow of material.
- 5.8 **Post, maintain, and retain** staff and **Suppliers' training** records for **three years** such that they are immediately accessible to any **State** inspector during hours of operation.
- 5.9 Provide an Occupational Safety and Health Administration (OSHA) approved personnel protection plan (PPP) for **Source** personnel as well as **Department** inspectors.
 - 5.9.1 Utilize a certified industrial hygienist (CIH) to monitor the equipment operators air during the grinding of any **Post-Consumer shingles** and **Manufacturer's Salvaged shingles** annually.

- 5.9.2 Have the CIH conduct annual air sampling procedures and frequencies outlined in approved PPP for initial and periodic exposure assessment (personal breathing zone air sampling).
- 5.10 Provide a **Truck Scale** to weigh the incoming and outgoing RAS material throughout the process to accurately document flow of materials through the operation.

6.0 DOCUMENTATION

- 6.1 The **Bureau** will maintain a current **Qualified Producer List (QPL)** of **qualified RAS Sources** and issue a unique **Producer/Supplier** number. The list will include the name of the **Source**, the **Source** code number, the location of the **Source including county**, and the **Source's** qualified products. The **Bureau** will update the list when the status of any **Source** changes. The **RAS Source QPL** is available on the Internet **by logging** onto the following IDOT website: [HMA QPLs](#). The list is located under: Doing Business/Material Approvals/Hot Mix Asphalt/Qualified Product List.
- 6.2 The **Contractor** incorporating RAS into a **Department project** shall maintain bills of lading and material certification from the **RAS Source for a period of three years**.
- 6.3 RAS material at the **Contractor's facility** shall be identified by the bill of lading accompanying the shipment from the **Source**.

7.0 ELEMENTS OF THE QUALITY CONTROL PLAN

- 7.1 The purpose of the **QC Plan** is to document the **Source's** process control for recycling **Manufacturer's Salvaged and/or Post-Consumer asphalt shingles** into raw ingredient material that meets **Department** requirements for use in HMA **or other approved** applications.
- 7.2 The **Source QC Plan (see Attachment 1)** shall:
- 7.2.1 **Declare** all types of material that will be accepted at **Source** facility. The allowable types are:
- **Post-Consumer shingles.**
 - **Manufacturer's Salvaged shingles.**
- 7.2.2 Detail the process for inspection of incoming loads of **Manufacturer's Salvaged shingles**. For **Post-Consumer shingles**, detail the process for inspection, sampling, testing and method of quarantine of incoming loads. Include the following:
- **Source** inspection personnel duties, responsibilities and **training**.
 - Describe criteria for accepting and rejecting loads from **Suppliers**.
 - A plan for random asbestos sampling and submittal to a laboratory accredited through the National Institute of Standards and Technology (NIST) if the **Source** is conducting required **PLM** testing on site through its own certified technician.
 - **Describe actions that will be taken when PLM testing identifies asbestos is present.**
 - Provide a plan view diagram **of the Source facility** showing flow of the processing operation with labels identifying the various components.

7.2.3 List **training** and qualification of staff and **Suppliers**. Records shall be kept of the dates of **training** and of the names of employees trained. Original certificates of **training** shall be available upon request.

7.2.3.1 Include an outline of required **training** for:

- **Source asbestos inspectors** for incoming loads.
- **Source** sorting personnel.
- **Suppliers**. This shall include the process for accepting shingles delivered by the **Homeowner**.

7.2.4 Identify the **Source** location **including county**, laboratory names and locations, and a complete description of the types and frequencies of the tests to be performed.

7.2.5 **List** frequency of testing to monitor production as outlined in Section 5.2.2.

7.2.6 **Include copy of the OSHA approved PPP**. The **QC Plan** shall identify the air sampling procedures and frequencies for initial and periodic exposure assessment (personal breathing zone air sampling) **conducted annually by the CIH**.

7.2.7 **Incorporate all** approved addendums to the **QC Plan from** the preceding year in the annual submittal. (Note: Any changes to the QC Plan may require prior amendment of the BUD or a permit modification)

8.0 OPERATION OF SOURCE FACILITY

8.1 **Post a** sign at the entrance to the **Source** facility indicating the name of the facility and hours of operation.

8.2 **Control** access to the facility **with** a gated entrance and exit. **Close and lock** the gate when facility personnel are not present **to prevent illicit dumping**.

8.3 **Require** sorting personnel attend a **training** session conducted by a certified **asbestos inspector** to learn to identify and remove unacceptable material prior to processing as outlined in the **QC Plan**.

8.4 **Accept incoming loads:**

- Only from **Suppliers** listed on the completed *Supplier Certification Form for Manufacturer's Salvaged and Post-Consumer (Tear-Off) Asphalt Shingles* forms (Attachment 3). The **Asbestos Inspector** shall inspect all incoming loads for unacceptable materials (Attachment 4).
- Only **Manufacturer's Salvaged shingles** that are completely free of unacceptable materials (Attachment 4).
- Only loads consisting of sorted, preprocessed, **Post-Consumer** shingle material ready for processing that do not exceed a cumulative total weight of 1.5 percent, By Total Weight of Shingles (BTWS), of felt (i.e. tar paper) attached to shingles, metal flashing, glass, rubber, paper, plastic, rolls or sheets of felt, or other unacceptable material. See Attachment 4 for a complete list. This total does not include nails that are attached to the shingles that will be removed as part of the recycling in conjunction with the grinding process.

- 8.5 Sample and test **Post-Consumer shingles** according to the following upon entry to the facility:
- 8.5.1 During start-up of the **Source, PLM** Test incoming loads at a frequency of one (1) sample per 10 tons for the first 1000 tons or one (1) sample per load for the first 100 loads. Start-up testing frequencies are not required if there is another qualified **Source** in the same County that has completed start-up.
- 8.5.2 If asbestos is detected during start-up frequencies, discard the entire contents of the **Paddock** containing the contaminated shingles, properly dispose of it in a landfill and restart the sampling frequency of one (1) sample per 10 tons for an additional 1000 tons.
- 8.5.3 If no asbestos is detected for any of the 100 tests completed during start-up, test all future incoming loads by **PLM** at a minimum frequency of two (2) samples per 250 tons.
- 8.5.4 If asbestos is detected at any time during the testing process, reject the entire contents of the **Paddock** containing the asbestos contaminated shingles and properly dispose of it in a landfill. Restart the start-up sampling frequency of one (1) sample per 10 tons for an additional 1000 tons.
- 8.6 Store the incoming loads:
- In **Paddocks** on a non-earthen, all weather, well-drained surface that prevents contamination with the shingle material.
 - Of **Manufacturer's Salvaged** and **Post-Consumer shingles** each in separately approved areas.
- 8.7 **Quarantine Post-Consumer shingles** in a **Paddock** until acceptable results from the asbestos testing are received.
- 8.8 **Remove** all materials potentially containing asbestos including caulks, cements, tars and other sealants during the sorting process.
- 8.9 **Manufacturer's Salvaged** and **Post-Consumer shingles** shall not be processed into the same **Stockpile**.
- 8.10 Process sorted loads of **Manufacturer's Salvaged** and **Post-Consumer shingles on-site with an industrial grinder**. Utilize **water nozzles** on the industrial shingle grinder to reduce the heat build-up during the grinding process as needed. The final ground product shall have 100 percent passing the 3/8 in. (9.5 mm) sieve and a minimum of 93 percent passing the No. 4 (4.75 mm) sieve based on a **Dry Shake Gradation** and shall meet **Department** specifications.
- 8.11 The final **Processed Shingles** shall be free of visible nails. **Processed Shingles** shall be stored on a **well-drained, all weather surface** that prevents contamination of the final product. Unacceptable materials (**Attachment 4**) shall not exceed a cumulative total of 0.5 percent **BTWS**.
- 8.12 **Avoid segregation during** stockpiling due to wind or other causes.

- 8.13 Mechanically blending manufactured sand (FM 20 or FM 22) or fine FRAP up to an equal weight of processed **Post-Consumer** or **Manufacturer Salvaged** RAS using **Department** approved calibrated feeders will be permitted to improve workability.
- 8.14 **Collect and** maintain in bound or electronically imaged chronological files on site for a minimum of three years **the following documentation**, and **make** available to the regulatory agency upon request:
- Original **Supplier** Certification Forms (Attachment 3) shall be compiled daily
 - Tonnage of **Manufacturer's Salvaged** and **Post-Consumer shingles** accepted shall be compiled monthly.
 - Tonnage of **Post-Consumer shingles** initially accepted but subsequently rejected and disposed of shall be compiled monthly.
 - Tonnages of processed RAS shall be compiled monthly.
 - Tonnages of **preprocessed** and **processed Manufacturer's Salvaged** and **Post-Consumer shingles stored**, and retention times shall be compiled monthly.
 - **Training** records shall be compiled for each **training** session.
 - **Records of PPP testing**.
 - Copies of all environmental permits, **BUDs** and other authorizations issued by the **Illinois EPA**.
- 8.15 Copies of bills of lading shall accompany each load and be presented to the **receiving** HMA plant/**Contractor** for filing. The bills of lading shall contain the following information:
- Name and location of **Source**.
 - Sequence number identifying the shipment.
 - Consignee & destination.
 - Date of shipment.
 - Type of material. (**Post-consumer** or **Manufacturer's Salvaged** RAS).
 - Gross, tare and net weights.
- 8.16 **Allow** regulatory agencies to conduct random, **unannounced** inspections of the facilities during normal working hours as deemed necessary and as otherwise authorized by law including **C&D** facilities supplying shingles to the **Source**.
8. 17 Any changes to the general operation of the **Source** facility as documented in the **QC Plan** will require prior **Bureau** notification and approval and may require modification to the **BUD** or permit issued by the **Illinois EPA** prior to implementation.

9.0 REVOCATION OF A SOURCE'S QUALIFICATION

- 9.1 The **Department** may revoke a **Source's qualification** for any of the following reasons:
- 9.1.1 A **qualified Source** fails to timely renew or to comply with the conditions of a permit, **BUD** or other authorization issued by the **Illinois EPA** or **Department's** criteria for **qualified** status.
- 9.1.2 A **qualified Source** fails to submit an annual updated **Quality Control Plan** and other required documents as defined in Section five (5) by January 31.
- 9.1.3 A **qualified Source** is not in compliance with provisions listed in Section **four (4)**, or fails to follow the **Department's** RAS policy, specifications or its approved **QC Plan**.

9.2 The **Source** may re-apply for **qualification** status after **one (1)** year **after the date of revocation**. Re-application shall be in writing to the **Bureau** and include the specific steps taken to correct the cause for loss of **qualification**.

9.3 **Contractors** receiving RAS material from a **Source** whose certification has been revoked will be notified immediately by the **District**.

10.0 CLOSING NOTICE

Archived versions of this policy memorandum may be examined by contacting the **Bureau**.

The current Bureau Chief of Materials has approved this policy memorandum. Signed documents are on file with the **Bureau**.

Model QC Plan

Company Name: _____
 Address: _____
 Contact: _____

Source / Facility Address: _____
 Phone Number: _____
 Hours of Business: _____

Description:

- Include flow diagram and plan-view drawing of facility as attachment & identify on drawing
 1. Paved areas
 2. Paddock Contents
 3. Means of Containment (fence, wall, locked gate, other security devices, etc.)

Any Notes:

In space provided, list (facility area, paddock areas & wall height):

A. Personnel (list full name, and training received for each title listed with date):

Title	Name	Training Received	Date Training Received
Certified Asbestos Inspector*			
Sorter			

* If not an employee, list company employed under name.

B. Material to be processed: (Circle one of the three choices):

- Post-Consumer
- Manufacturer's Salvaged
- Both

C. Outline Process for inspection, sampling & asbestos testing of incoming loads:

D. Laboratory Testing (e.g. dry shake gradation, contaminants, asbestos etc.). Include name, location, contact person, phone number:

Test	Test Method	Frequency

E. Outline process for record keeping & storage documentation . Include receiving & shipping dates and file storage location:

(Attachment 1)

- F. Detailed processing plan (include: equipment used, products made, use of storage, scales etc.). Provide an attached plan view diagram of Source facility showing the flow of the processing operation with labels identifying the various components.
- G. Example Bill of Lading (include as attachment).
- I. Describe how PPP as required by Section 5.9 will be implemented.

(Attachment 1)



Reclaimed Asphalt Shingles (RAS) Source Certification Form

The following individual certifications shall be initialed with a full signature at the bottom by a responsible officer of the Source with authority to bind the Source. This certification statement shall also be notarized.

All Sources must fill out this section.

Reclaimed Asphalt Shingles (RAS): *Please enter your initials into the following statements*

I, _____, certify that the RAS will be produced from shingles not classified as Asbestos Containing Material (ACM).

I, _____, certify that all RAS to be furnished to State and Local Agency projects will be sampled and tested according to the Source Quality Control Plan and be in compliance with the material requirements specified in the Department's RAS specification before shipment.

NOTE: Only fill out this section if you will be processing Post-Consumer Shingles.

Post-Consumer Shingles: *Please enter your initials into the following statements.*

I, _____, certify that only Post-Consumer Shingles that: (1) are not subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) and (2) will be maintained separately from other C&D Debris or waste will be accepted for processing; any other type of shingle will be rejected [and properly disposed of](#).

I, _____, certify that all Post-Consumer Shingles will be managed and processed by trained personnel [listed in the approved Quality Control Plan](#).

I, _____, certify that all shingle types will be sampled and tested for asbestos according to the Source Quality Control Plan.

I, _____, certify that all incoming loads of Post-Consumer Shingles will be quarantined until all asbestos testing is completed and found to be asbestos free.

I, _____, certify that all shingles within a quarantine Paddock will be immediately removed from the premises if any sample taken from within the quarantine Paddock tests positive for asbestos by the PLM method.

Responsible officer for the Source with authority to bind the Source:

Printed name

Signature Date

Notary:

Signature Date



Supplier Certification Form for Manufacturer's Salvaged and Post-Consumer (Tear-Off) Asphalt Shingles

PART I: Supplier Company	
<i>Please indicate which best describes the Supplier:</i>	
<input type="checkbox"/> <- Manufacturer Salvager	<input type="checkbox"/> <- C&D
<input type="checkbox"/> <- Roofing company	<input type="checkbox"/> <- Homeowner
Supplier name:	
Supplier phone:	
Supplier e-mail:	
Supplier address:	

PART II: Supplier Rep (unless same as PART I)	
Rep's name:	
Rep's title:	
Rep's phone:	
Rep's e-mail:	
Rep's address (if not same as Supplier main address):	

PART III: To be completed by Trained Hauler/Homeowner

Trained Hauler/Homeowner (Print name)

Trained Hauler/Homeowner (Signature)

Date

Suppliers List of Acceptable and Unacceptable Materials for Recycling of Post-Consumer Tear-off Asphalt Shingles

“Acceptable” materials

Include these items:

- Shingles
- Felt attached to shingles
- Nails that are attached to the shingles and removed for recycling in conjunction with the grinding process.

All other materials are “Unacceptable”

Unacceptable materials include, without limitation:

- Asbestos and asbestos-containing materials
- Wood, plywood and sheeting
- Wire
- Cans
- Metal flashing, gutter, etc.
- Rolls or sheets of felt paper
- Plastic wrap, buckets
- Paper waste
- Garbage, trash or other waste materials
- Mastic
- Rubber membrane roofing systems
- Built-up asphalt roofing
- Caulk
- Sealant
- Rubber gaskets