SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

1. Name of proposed project, if applicable: **Simonds International, Inc. Manufacturing Operations**

2. Name of applicant: **Simonds International, Inc.**

3. Address and phone number of applicant and contact person:

Simonds International, Inc.
Attn: Roy Erdwinds (Plant Manager)
2700 SE Tacoma Street
Portland, Oregon 97202-8941
Phone: 978-424-0607

4. Date checklist prepared:

March XX, 2020

5. Agency requesting checklist: **SWCAA**

6. Proposed timing or schedule (including phasing, if applicable): **Begin operations around July 1, 2020**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **No**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- **Submital of an NOI for an Industrial Stormwater General Permit (ISGP)**
- **Preparation of a Stormwater Pollution Prevention Plan (SWPPP)**
- **SWCAA Air Discharge Permit Application**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

Simonds International is unaware of any other proposals pending for the property.

10. List any government approvals or permits that will be needed for your proposal, if known.

- **Washington State Department of Ecology – approval of an ISWGP (Industrial Stormwater General Permit)**
- **SWCAA – approval of an Air Discharge Permit**
- **SWCAA – approval of a Paint Booth Permit**

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Description of Proposal: **Simonds International is proposing to relocate their existing, Portland-based metal fabrication business to a newly built warehouse located at 5525 SE 11th Street, Ridgefield, WA. Operations will occur entirely within the developed area of approximately 5.75 acres comprised of a one main rectangular 229-foot x 509-foot steel building (warehouse) surrounded by asphalt drives, parking areas and on the north side of the building two loading docks.**

Simonds International manufactures bandsaw blades, machine knives, and circular saw blades from high grade steel coils of thin steel strips and sheets.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Name of Facility: **Simonds International, LLC**

Street: **5525 SE 11th Street**

City, State, Zip: **Ridgefield, WA 98642**

County: **Clark**

Latitude/Longitude: **45.8077° N / -122.6913° W**

Site Location Map, Site Plan and Interior Site Plan are attached.

B. Environmental Elements [HELP]

1. *Earth* [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Simonds International is currently working with SWCAA to calculate site-specific air emission estimates. Known sources are:

- Fuel use: propane (forklifts) and natural gas (building heating). In 2019, 2,400 gallons of propane was used. Simonds is estimating cutting their natural gas use in half at the new facility, to approximately 19,000 therms per year.
- Grinding Equipment: all located inside the warehouse with a dust collection system.
- Abrasive Blasting: conducted inside the warehouse with a dust collection system. In 2019, 2,500 pounds of aluminum dioxiode (diamond) was used.
- Dust Collectors: two filtration units are located (and have their discharge inside) the warehouse.
- MIG Welding Operations: conducted inside the warehouse. In 2019, 1,485 pounds of electrode (SuperArc .035 ED70-S L-56) were used.
- Paint Booth: this has a roof stack and discharges to ambient air. Coating and solvent use at the facility is relatively low. In 2019, 480 gallons of coating and 60 gallons of solvent were used.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **No know sources.**

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Simonds International uses the following measures to reduce and control emissions:

- Fuel Use: moving into the new facility will allow for a reduction in natural gas use (estimated at 50%) through better building design.
- Dust: all operations that have the potential to emit dust are inside the warehouse and emissions are designed to be captured by a dust collection system. Additionally, in 2019 Simonds designed and built horizontal milling machines to machine saws with an endmill. These new machines replaced the grinding wheel and eliminated all the dust from this former equipment. In 2019, Simonds built and installed 8 of these new machines, replacing 11 of the old style grinding machings. Grinders are still present, but seldom used. 98% of all Simonds widebands are processed on the new machines.
- Welding: Simonds International uses a MIG welding process with 90/10 welding (shielding) gas to minimize welding metal fabrication HAP emissions.
- VOCs: coatings and solvents are applied in the enclosed and ventilated Paint Booth to control emissions.

3. *Water* [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. Surface Water: [help]

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

b. Ground Water: [help]

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

2) Could waste materials enter ground or surface waters? If so, generally describe.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

4. Plants [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. Check the types of vegetation found on the site:

____deciduous tree: alder, maple, aspen, other
____evergreen tree: fir, cedar, pine, other
____shrubs
____grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____water plants: water lily, eelgrass, milfoil, other
____other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

c. List threatened and endangered species known to be on or near the site.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

e. List all noxious weeds and invasive species known to be on or near the site.

5. Animals [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other
mammals: deer, bear, elk, beaver, other
fish: bass, salmon, trout, herring, shellfish, other _____

b. List any threatened and endangered species known to be on or near the site.

c. Is the site part of a migration route? If so, explain.

d. Proposed measures to preserve or enhance wildlife, if any:

e. List any invasive animal species known to be on or near the site.

6. *Energy and Natural Resources* [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

- **Electric for lights, machines and draw furnaces**
- **Natural gas for heat**

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. **NO**

b. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

- **Variable speed air compressors**
- **Motion sensor lighting**
- **Reclaim heat from Draw furnaces and air compressors to heat building in winter**

7. *Environmental Health* [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Yes. Simonds International operations include the use of common toxic and or flammable chemicals that if not stored and handled appropriately could cause risk to human health, of fire or explosion and the potential of a spill. Employees are trained on protocol for storage and handling, and for emergency response in the case of a spill.

1) Describe any known or possible contamination at the site from present or past uses.
None known.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.
None known.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Simonds International uses the following chemicals in their manufacturing process: hydraulic oil, lube oil, motor oil, semi-synthetic coolants, quench oil, solvent, kerosene, propane, abrasive blasting material (aluminum oxide), welding rods, paint thinner, and a metal coating. This is not an exhaustive list, but represents the primary materials used in the manufacturing process. The facility will also have typical office and warehouse maintenance chemicals onsite.

4) Describe special emergency services that might be required.

Simonds International does not anticipate the need for any special emergency services, however a Emergency Spill Response Contractor will be identified on the Spill Response Plans kept with Spill Kits throughout the facility. Simonds International will also make sure that all appropriate information is communicated to Clark Fire and Rescue regarding chemicals stored and used onsite.

5) Proposed measures to reduce or control environmental health hazards, if any:

Simonds International will use the following methods to reduce and/or control environmental health hazards:

- **Policy of only using storage containers compatible with chemicals to be stored**
- **Policy of storing all chemicals in appropriate locations (e.g., flammables cabinet, on spill pallet, in secondary containment, etc.)**
- **Employee training: on safe practices for chemical handling and storage (including use of personal protective equipment)**
- **Employee training: on emergency and spill response (at time of hire and then annually)**
- **Spill kits kept in strategic locations throughout the facility**
- **Emergency response plans kept with spill kits**
- **Implementation of a Stormwater Pollution Prevention Plan (SWPPP)**
- **Continuation of established policies/practices previously used to meet Oregon's TUHWR (Toxic Use and Hazardous Waste Reduction) requirements**

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Simonds International does not anticipate that any existing noise in the area will affect this proposal.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

24 Hours a Day: Machine operation (e.g., metal removing machines, grinders, dust collection, lift trucks)

From 7 AM to 9 PM: Truck traffic

3) Proposed measures to reduce or control noise impacts, if any: **None**

8. Land and Shoreline Use [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. NO CHANGE

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? NO CHANGE

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: NO CHANGE

c. Describe any structures on the site. NO CHANGE

d. Will any structures be demolished? If so, what? NO CHANGE

e. What is the current zoning classification of the site? NO CHANGE

f. What is the current comprehensive plan designation of the site? NO CHANGE

g. If applicable, what is the current shoreline master program designation of the site? NO CHANGE

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. NO CHANGE

i. Approximately how many people would reside or work in the completed project?

Once operational, Simonds International excpects to employee approximately 120 employees at the facility. There will be no residents associated with this project.

j. Approximately how many people would the completed project displace? NO CHANGE

k. Proposed measures to avoid or reduce displacement impacts, if any: NO CHANGE

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: NO CHANGE

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: NO CHANGE

9. Housing [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

c. Proposed measures to reduce or control housing impacts, if any:

10. Aesthetics [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

b. What views in the immediate vicinity would be altered or obstructed?

c. Proposed measures to reduce or control aesthetic impacts, if any:

11. Light and Glare [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

b. Could light or glare from the finished project be a safety hazard or interfere with views?

c. What existing off-site sources of light or glare may affect your proposal?

d. Proposed measures to reduce or control light and glare impacts, if any:

12. Recreation [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. What designated and informal recreational opportunities are in the immediate vicinity?

b. Would the proposed project displace any existing recreational uses? If so, describe.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

13. Historic and cultural preservation [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts

or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

14. Transportation [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

h. Proposed measures to reduce or control transportation impacts, if any.

15. Public Services [help] NO CHANGE FROM PREVIOUS SEPA CHECKLIST

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

b. Proposed measures to reduce or control direct impacts on public services, if any.

16. Utilities [help]

a. Circle utilities currently available at the site:

electricity, **natural gas**, **water**, **refuse service**, **telephone**, **sanitary sewer**

d. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

The following utilies are anticipated to be used at the site.

- **Water from City of Ridgefield**
- **Sanitary Sewer from Clark Regional Wastewater District (CRWWD)**
- **Electricity from Clark Public Utilities**
- **Natural Gas from NW Natural**
- **Refuse Service from Waste Connections**
- **Telephone/Internet from either Xfinity by Comcast OR**

C. Signature [HELP]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Name of signee _____

Position and Agency/Organization _____

Date Submitted: _____

D. Supplemental sheet for nonproject actions [HELP]

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

   Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

   Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

   Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

   Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

   Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

   Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.