

## EO Engineering Runs

Engineering Runs provide a simple, cost-effective method to evaluate the effects of the EO process on product components or packaging and are ideal for material compatibility studies and new product development. While a sterile claim cannot be made, the engineering runs are executed using a four-hour dwell and approximate 10.5-hour total cycle time. Engineering runs do not include certifications associated with production processing. Please see the last page of this document for a sample of the engineering run processing documentation.

We offer several variations of the EO Engineering Run:

### Weekend Engineering Runs

Product is run in a mixed load with other Customers and each Customer can process 1-2 boxes per run. There are two options for the Sunday Engineering Runs:

- Standard cycle
- 2X cycle: product receives in-chamber processing twice, preconditioning once, and aeration once

### Everyday Engineering Run

Product is run any day of the week in the first chamber available. There is no box limit and, while product is likely limited to one Customer per chamber, it is not guaranteed. There are three options for the Every Day Engineering Runs:

- Standard cycle
- 2X cycle: product receives in-chamber processing twice, preconditioning once, and aeration once
- 2X complete cycle: product receives preconditioning, in-chamber processing and aeration twice each

### Submit Product for an Engineering Run

To submit product for an engineering run, please complete the following information and either fax or email your request to Engineering Run Mailbox. Once your request is received, your product will be scheduled for the next available engineering run.

**Fax:** 763.786.8199

**Email:** [engineeringrunneo@steris.com](mailto:engineeringrunneo@steris.com)

When shipping product to STERIS, please follow these guidelines:

- Attach a copy of the engineering run request form to your shipment; **you only need to return page 2.**
- Clearly write "Engineering Run" on your product box(es)
- For Sunday runs, ship product to arrive no later than 2:00 pm on the Friday prior

Note: If you are not a current Customer of STERIS, please complete a [credit application](#) and [W-9 form](#) and submit both documents with the EO Engineering Run request form. Product will not be processed until all three documents are submitted to STERIS.

**Customer Information**

Company Name: \_\_\_\_\_ Billing Address: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Shipping Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Contact for Scheduling (check if different person than listed above):  
 Contact Name: \_\_\_\_\_ Contact Via:  Phone  Fax  Email  
 Phone / Fax / Email: \_\_\_\_\_

**Engineering Run Cycle Options and Product Information**

<b>Weekend Engineering Run (1-2 boxes)</b>	<b>Everyday Engineering Run (first available chamber)</b>
<input type="checkbox"/> 1X (preconditioning, 1 cycle, aeration): \$790	<input type="checkbox"/> 1X (preconditioning, 1 cycle, aeration): \$1,590
<input type="checkbox"/> 2X (preconditioning, 2 cycles, aeration): \$1,965	<input type="checkbox"/> 2X (preconditioning, 2 cycles, aeration): \$2,515
	<input type="checkbox"/> 2X complete (2 precon, 2 cycles, 2 aeration): \$3,175
Number of boxes: _____	Total dimensions: _____"L _____"W _____"H
Product Description: _____	
<input type="checkbox"/> Check here if the above product contains hazardous, flammable, combustible, bio-hazardous, or bio-active materials, batteries, or electrically-charged devices. If box is checked all paperwork must be submitted four days prior to the desired processing run (for example, submit paperwork by Wednesday for a Sunday run).	

**Payment Information**

Payment Method:  Credit Card  Purchase Order PO Number: \_\_\_\_\_  
*Note: If paying via purchase order, please include a copy of the PO with your shipment. Payment terms are Net 30 days. If paying via credit card, please call Accounts Receivable at the Minneapolis facility (763.786.2929) to provide card information*

**Shipping Information**

Customer pick-up  
 Schedule delivery with Federal Express FedEx Account #: \_\_\_\_\_  
 Schedule delivery with other carrier: \_\_\_\_\_ Account #: \_\_\_\_\_

Engineering runs expose product samples to a generic EO process which may not reflect actual in-chamber production parameters. Product samples processed in an engineering run cycle cannot be used in applications requiring sterile product, nor represented as sterile; engineering run samples are not intended for human use, clinical applications, or presentation to market. Engineering runs are subject to chamber availability. STERIS is not liable for product damaged or lost during an engineering run.

- I agree to the above terms and conditions of the EO Engineering Run program
- I ensure that the above stated product may be processed without violating any governmental regulations
- I ensure proper shipment of product to STERIS to include Labeling and Packing List

Customer Approval: \_\_\_\_\_ Date: \_\_\_\_\_

STERIS Receiving Review (initials): \_\_\_\_\_ Date: \_\_\_\_\_ Lot Number \_\_\_\_\_

**SAMPLE EO ENGINEERING RUN PROCESS DOCUMENTATION**

**PRODUCT PROCESSED IN AN  
ETHYLENE OXIDE ENGINEERING RUN**

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

Customer PO# \_\_\_\_\_

Engineering Run # \_\_\_\_\_

Run Description:     1X cycle         2X cycle         2X complete cycle

This box was processed in an ethylene oxide engineering run.

The engineering run exposes product samples to a generic ethylene oxide process, which may not reflect actual in-chamber production parameters.

Product samples processed in the engineering run cycle cannot be used in applications requiring sterile product, nor represented as sterile.

Engineering run samples are not intended for human use, clinical applications, or presentation to market.

Product processed at:  
STERIS  
380 90th Avenue NW  
Minneapolis, MN 55433  
763.786.2929