# EMISIIONS INVENTORY QUESTIONNAIRE, OR EIQ

## FORM 2.3 VOC PROCESS MASS-BALANCE WORKSHEET

<table>
<thead>
<tr>
<th>APPLICATION METHOD</th>
<th>MATERIAL TYPE</th>
<th>[A] ANNUAL THROUGHPUT (ton/yr. or gal./yr.)</th>
<th>[B] MAXIMUM % BY WT. OF VOC IN MATERIAL</th>
<th>[C] DENSITY (LBS./UNIT) IF (A) IN TONS, (C)=2,000</th>
<th>[D] LBS. OF VOC PER UNIT (B) × (C) = (E)</th>
<th>[F] TOTAL ANNUAL THROUGHPUT</th>
<th>[G] TOTAL VOC (LBS./YR.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. TOTAL ANNUAL THROUGHPUT AND TOTAL POUNDS OF VOC

Enter the total annual throughput value [F] into Section [3], Annual Throughput on Form 2.0

2. CALCULATION OF POUNDS OF VOC RECOVERED

AMOUNT OF MATERIAL SHIPPED AS HAZARDOUS WASTE (LBS./YR.) × VOC CONTENT OF WASTE = [H] LBS. OF VOC RECOVERED

3. CALCULATION OF POUNDS OF VOC EMITTED PRIOR TO CONTROL EQUIPMENT

\[
\text{[G]} \times \text{[H]} = \text{[I]}
\]

[Total lbs. of VOC] - [lbs. of VOC recovered] =

4. CALCULATION OF EMISSION FACTOR

\[
\text{[I]} / \text{[F]} = \text{[J]}
\]

[lbs of VOC emitted prior to control equipment] / [Total annual throughput] = Enter [J] on Form 2.0 as VOC EF

MO 780-1440 (12-09)