Overview
This document contains the required safety and regulatory information for the TIENet® Signature® Flow Meter and TIENet® 301 pH/Temperature Device. The TIENet® Signature® Flow Meter and TIENet® 301 pH/Temperature Device Installation and Operation Guides and Warranty Statements are available and can be downloaded from www.teledyneisco.com.

CAUTION
Cautions identify a potential hazard, which if not avoided, may result in minor or moderate injury. This category can also warn you of unsafe practices, or conditions that may cause property damage.

WARNING
Warnings identify a potentially hazardous condition, which if not avoided, could result in death or serious injury.

DANGER
DANGER – limited to the most extreme situations to identify an imminent hazard, which if not avoided, will result in death or serious injury.

Hazard Symbols (Continued)

<table>
<thead>
<tr>
<th>Symboles de sécurité</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ce symbole signale l’existence d’instructions importantes relatives au produit dans ce manuel.</td>
</tr>
<tr>
<td>Ce symbole signale la présence d’un danger d’électocution.</td>
</tr>
<tr>
<td>Risque de pincement. Ces symboles vous avertir que les mains ou les doigts seront blessés sérieusement si vous les mettez entre les éléments en mouvement du mécanisme près de ces symboles</td>
</tr>
<tr>
<td>Warnungen und Vorsichtshinweise</td>
</tr>
<tr>
<td>Das Ausrufezeichen in Dreieck ist ein Warnzeichen, das Sie darauf aufmerksam macht, daß wichtige Anleitungen zu diesem Handbuch gehören.</td>
</tr>
<tr>
<td>Der gepfeilte Blitz im Dreieck ist ein Warnzeichen, das Sie vor &quot;gefährlichen Spannungen&quot; im Inneren des Produkts warnt.</td>
</tr>
<tr>
<td>Vorsicht Quetschgefahr! Dieses Symbol warnt vor einer unmittelbar drohenden Verletzungsgefahr für Finger und Hände, wenn diese zwischen die beweglichen Teile des gekennzeichneten Gerätes geraten.</td>
</tr>
</tbody>
</table>

Before installing, operating, or maintaining this equipment, it is imperative that all hazards and preventive measures are fully understood. While specific hazards may vary according to location and application, take heed in the following general warnings:

WARNING
This instrument has not been certified for use in “hazardous locations” as defined by the National Electrical Code.
WARNING

Avoid hazardous practices! If you use this instrument in any way not specified in this manual, the protection provided by the instrument may be impaired.

AVERTISSEMENT

Éviter les usages périlleux! Si vous utilisez cet instrument d’une manière autre que celles qui sont spécifiées dans ce manuel, la protection fournie de l’instrument peut être affaiblie; cela augmentera votre risque de blessure.

WARNING

The installation and use of this product may subject you to hazardous working conditions that can cause you serious or fatal injuries. Take any necessary precautions before entering a worksite. Install and operate this product in accordance with all applicable safety and health regulations, and local ordinances.

WARNING

Injury and/or equipment damage can result from connecting modules or cables to a power source exceeding the specified operating voltage range. Check labeling on all modules and cables for voltage ranges.

Note

The Signature flow meter must be installed in accordance with the National Electric Code (NEC) NFPA70 for installation in the United States, or the Canadian Electric Code (CEC) for installation in Canada, or other local installation codes as applicable.

WARNING

This product is often installed in confined spaces. Some examples of confined spaces are manholes, pipelines, digesters, and storage tanks. These spaces may become hazardous environments that can prove fatal for those unprepared. These spaces are governed by OSHA 1910.146 and require a permit before entering.

WARNING

Under no circumstances should you leave any extra length of sensor cable dangling freely in the flow stream where it could trap debris or become tangled.

Use gloves and eye protection when assembling and installing the rings in a pipe. Though deburred, the edges of the stainless steel can cut if improperly handled. Please read the information on how best to install this device. Observe general safety procedures when entering any manhole.

Technical assistance for the Teledyne ISCO TIENet® Signature® Flow Meter and TIENet® 301 pH/Temperature Device can be obtained from:

Teledyne ISCO
4700 Superior St.
Lincoln NE 68504

Phone: (800) 228-4373 or (402) 464-0231
Fax: (402) 465-3022
E-mail: IscoService@teledyne.com or Iscoeps@teledyne.com

TIENet Sensor Installation in Hazardous Locations

In applications where the TIENet sensor will operate within a hazardous area, the installation must be performed by trained and qualified personnel, according to the installation control drawing provided in Figure 1, and in accordance with local requirements.

Use and Disclosure of Data
Information contained herein is classified as EAR99 under the U.S. Export Administration Regulations. Export, reexport or diversion contrary to U.S. law is prohibited.
Figure 1 Hazardous Location Installation Control Drawing-ATEX
### 产品中有毒有害物质或元素的名称及含量

<table>
<thead>
<tr>
<th>部件名称</th>
<th>有毒有害物质或元素</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>铅 (Pb)</td>
</tr>
<tr>
<td>线路板</td>
<td>O</td>
</tr>
<tr>
<td>Display</td>
<td>O</td>
</tr>
<tr>
<td>榫线</td>
<td>O</td>
</tr>
<tr>
<td>内部电缆</td>
<td>O</td>
</tr>
<tr>
<td>直流电机</td>
<td>O</td>
</tr>
<tr>
<td>接头</td>
<td>O</td>
</tr>
<tr>
<td>电池</td>
<td>X</td>
</tr>
<tr>
<td>电磁阀</td>
<td>O</td>
</tr>
</tbody>
</table>

**产品中有毒有害物质或元素的名称及含量：**

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在ST/标准规定的限量要求以下。

O: Represent the concentration of the hazardous substance in this component’s any homogeneous pieces is lower than the ST/standard limitation.

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出ST/标准规定的限量要求。

X: Represent the concentration of the hazardous substance in this component’s at least one homogeneous piece is higher than the ST/standard limitation.

(企业可在此处，根据实际情况对上表中打“X”满的技术原因进行进一步说明。)

The Environmentally Friendly Use Period (EFUP) was determined through experience.

生产日期被编码在系列号码中。前三位数字为生产年（207代表2007年）。随后的一个字母代表月份：

A 为一月，B 为二月，等等。

The date of Manufacture is in code within the serial number. The first three numbers are the year of manufacture (207 is year 2007) followed by a letter for the month. "A” is January, "B" is February and so on.