



# LEAK DETECTION SYSTEM

## COMMISSIONING RECORD

Company Owning or Operating Facility	Authorized nVent RAYCHEM TraceTek service representative
Building/unit	Address
Site Address	Street
Contact Person	Contact Person
Telephone	Telephone
Email	Email

### 1. GENERAL SYSTEM CONFIGURATION NOTES

#### Main Control Panel:

TT-TS12 model #                      serial #  
 TTDM-128                                serial #  
 other                                      \_\_\_\_\_

#### Sub Control Panel:

TTDM-128                                serial #

#### Quantity of External SIM/SIM type:

TTSIM-1 \_\_\_\_\_ TTSIM-1A \_\_\_\_\_ TTSIM-2 \_\_\_\_\_ Power \_\_\_\_\_

#### List other components (for example TT-NRM):

#### List Sensing cable/components:

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#### Application Type:

Beneath raised floor	Sump
Trench	Double contained piping
Buried pipeline	Around/Under tank
Overhead piping	Other:

### 2. TTDM-128 INSTALLATION INSPECTION

Visual Inspection                      Seating of circuit Boards

**Wiring(Check All Applicable)**    **N/A**            **Wired**            **Verified**

Ground/earth  
 Power supply wiring  
 Sensing cable  
 Zener barrier  
 Fault relay  
 Leak relay  
 Service relay  
 4-20 mA  
 RS-232/485 Host Port  
 TT-NRM (Quantity: \_\_\_\_\_)  
 Internal SIM  
 RS-485 SIM Network port

### 3. TTDM-128 INITIAL POWER UP TEST

#### Close enclosure and supply power to the unit.

Green LED illuminated at first  
 Passes self-tests  
 Finds all connected Network Modules, (TTSIM, TT-NRM, etc)



**TABLE 1 - SIM MODULE SETTINGS**

SIM Type	
SIM Address	
ID	
Serial Number	
Test length	ft / m / z
Sense Current	μA
Service alert >=	μA
Sense Resistance	KΩ
Leak alarm <=	KΩ
RG Resistance	Ω
YB Resistance	Ω
SI Version	
SI Comm	%
Ground Fault Check	

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