

T5020 TANK MONITOR KIT QUESTIONNAIRE – PAGE 1



YOUR NAME: DATE:
COMPANY: JOB REF:
CONTACT NO. SITE NAME:

THIS FORM IS PER GAUGE ORDERED. USE A SEPARATE FORM FOR ADDITIONAL GAUGES. INFORMATION ENTERED ON THIS FORM MUST BE ACCURATE TO ENSURE CORRECT GAUGE ACCURACY.

TYPE OF LIQUID TO BE MEASURED – SELECT ONE OF THE FOLLOWING:

DIESEL SG 0.835 GASOIL SG 0.84 PETROL SG 0.737 OTHER SG
KERO SG 0.81 ADBLUE SG 1.09 SCREEN WASH SG 1.04

IS THE TANK ABOVE OR BELOW GROUND? VOLTAGE REQUIRED 230V AC or 110V AC?

WILL THE GAUGE BE CONNECTED TO A BUILDING OR FUEL MANAGEMENT SYSTEM? YES NO

STATE BUILDING OR FUEL MANAGEMENT SYSTEM MANUFACTURER, IF KNOWN:

SELECT GAUGE OUTPUT REQUIRED, IF KNOWN. STANDARD 4-20mA MODBUS RS485

PLEASE STATE THE GAUGE SPECIFIC NODE ID NUMBER: (DEFAULT SETTING IS NODE ID 1)

INDICATE WHICH KIT IS REQUIRED BY SELECTING ONLY ONE OF THE FOLLOWING:

- T5020-1A-1.5M** - FOR TANKS **0.3M TO 1.5M**, WITH HIGH LEVEL AUDIBLE ALARM & LOW-LEVEL LED
- T5020-1A-3M** - FOR TANKS **0.3M TO 3.0M**, WITH HIGH LEVEL AUDIBLE ALARM & LOW-LEVEL LED
- T5020-1A-5M** - FOR TANKS **3.0M TO 5.0M**, WITH HIGH LEVEL AUDIBLE ALARM & LOW-LEVEL LED
- T5020-1A-10M** - FOR TANKS **5.0M TO 10.0M**, WITH HIGH LEVEL AUDIBLE ALARM & LOW-LEVEL LED
- T5020-1A-20M** - FOR TANKS **10.0M TO 20.0M**, WITH HIGH LEVEL AUDIBLE ALARM & LOW-LEVEL LED
- T5020-1A-30M** - FOR TANKS **20.0M TO 30.0M**, WITH HIGH LEVEL AUDIBLE ALARM & LOW-LEVEL LED

ATEX ZONE RISK ASSESSMENT QUESTIONS:

1. IS THE PRODUCT IN THIS STORAGE VESSEL LIKELY TO EVER REACH OR EXCEED ITS FLASH POINT?
2. WHAT IS THE LIKELIHOOD THAT THERE WILL BE A MISTING LEAK FOR MORE THAN 10 HOURS PER YEAR IN THE AREA THAT YOU ARE CONSIDERING FOR ZONE CONTROL?
3. ARE THERE ANY OTHER STORED PRODUCTS THAT REQUIRE ATEX CONTROL ZONE AREAS NEARBY?

IF THE ANSWER IS **YES** TO EITHER QUESTION 1, 2 OR 3 THEN THE AREA WILL REQUIRE ATEX ZONE CONSIDERATIONS. PLEASE SEE OUR RANGE OF ATEX CERTIFIED GAUGES OR CONTACT HYTEK FOR ADVICE.

IF THE ANSWER IS **NO** FOR QUESTIONS 1, 2 & 3 THEN YOUR RISK ASSESSMENT RESULTS IN THE AREA BEING CLASSIFIED AS ZONE 2 OR POSSIBLY SAFE AREA (ZONE 2 IF YOU CANNOT GUARANTEE LEAKS CANNOT OCCUR IN THE AREA.)

SELECT THE TANK SHAPE AND INPUT THE DIMENSIONS IN THE BOXES BELOW IN MILLIMETERS.

IMPORTANT: ALL DIMENSIONS NEED TO BE THE INTERNAL DIMENSIONS OF THE TANK.

PLEASE ENTER
MAX TANK
CAPACITY AND
SAFE WORKING
CAPACITY IN THE
BOXES PROVIDED

ADDITIONAL OPTIONS:

- T5020-MIRR - ADDITIONAL SLAVE DISPLAY UNIT:
- R5 - 5-WAY RELAY BLOCK FOR EXTERNAL ALARM CONNECTION:
- RWD2 - HYTEK REMOTE WARNING ALARM (FOR USE WITH R5 IF REQUIRED):
- B8 - BUND PROBE:
- T4020-B2 - WATER DETECTION PROBE:

QUANTITY

IF THE OPTIONAL **R5** RELAY BLOCK IS SELECTED THEN PLEASE INPUT THE ALARM SETTINGS THAT YOU REQUIRE BELOW. PLEASE NOTE THAT THESE SETTINGS MUST BE PROGRAMMED BY HYTEK AND CANNOT BE ADJUSTED ON SITE.

YOU CAN ASSIGN UP TO FOUR ALARMS SETTINGS PER GAUGE, EACH OF WHICH WILL ACTIVATE A RELAY WHEN THE TANK CONTENTS REACH THE ALARMS PRE-SET PERCENTAGE.

THE DEFAULT SETTINGS ARE LISTED BELOW. IF YOU WISH TO CHANGE THEM PLEASE ENTER THE REQUIRED PERCENTAGE IN THE **REQUESTED (%)** BOX.

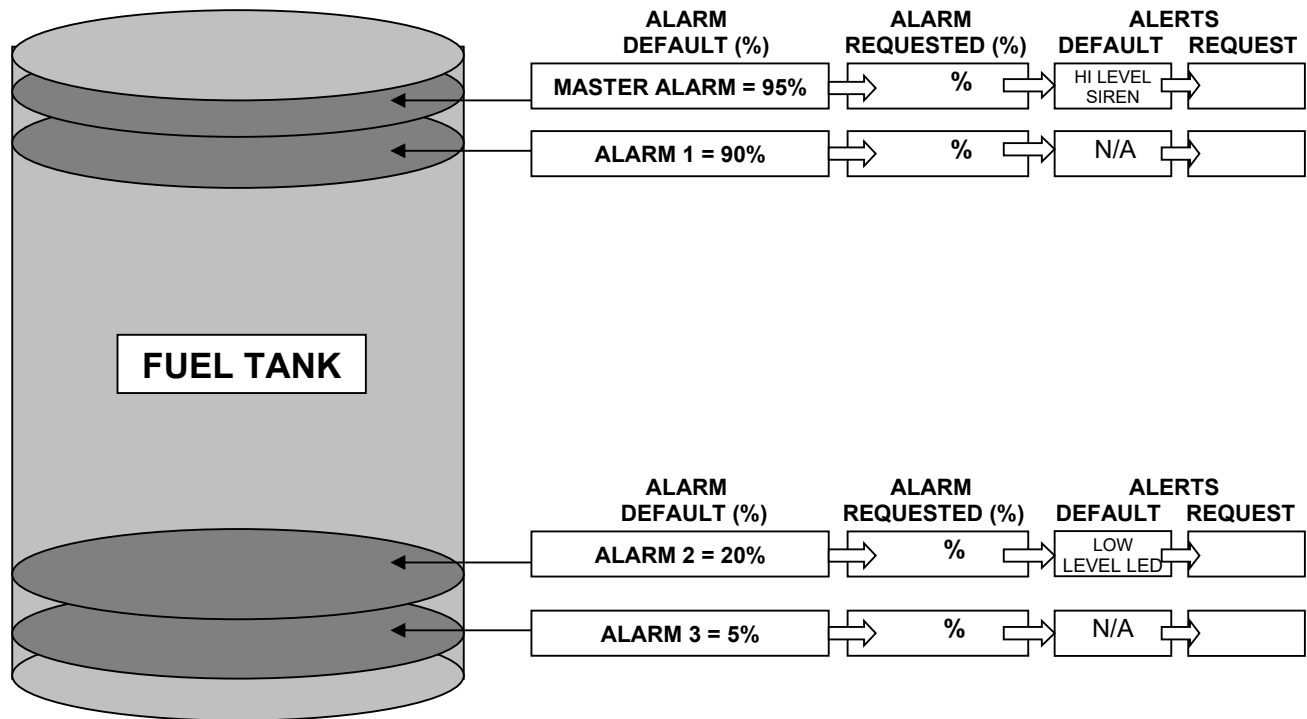
NOTE: IF HIGH LEVEL SIREN AND LOW-LEVEL LED INDICATOR ARE SPECIFIED PLEASE STATE AT WHAT LEVEL THE HI AND LOW-LEVEL ALERTS ARE REQUIRED IN THE **REQUEST** BOX BELOW.

MASTER ALARM: HIGH LEVEL RISING ALARM – DEFAULT 95%

ALARM 1: HIGH LEVEL RISING ALARM – DEFAULT 90%

ALARM 2: LOW LEVEL FALLING ALARM – DEFAULT 20%

ALARM 3: LOW LEVEL FALLING ALARM – DEFAULT 5%



SENSOR POSITION

PLEASE INDICATE WHICH SENSOR POSITION (DISTANCE FROM BOTTOM OF TANK) IS REQUIRED BY SELECTING ONLY ONE OF THE FOLLOWING:

50MM UP FROM BOTTOM OF TANK:

100MM UP FROM BOTTOM OF TANK: