FORM – Technical survey < SMART TAG >

Client : _____ Date : ____/____/____

Board where the Smart Tag is fitted[1] (reference on the diagram)	Floor	Communication[2]				Circuit to measure (reference on the diagram)	Diameter of the cables			Nb phases of circuit to measure		Currents of 3 phases of circuit to measure [3] (A)	Indicate below the equipment whose consumption you would like to be isolated.						
		LAN		3G			< 16 mm for cables < 70 mm² or breaker < 160 A	16-30 mm for cables < 300 mm² or breaker < 400 A	> 30 mm for cables > 300 mm² or breaker > 400 A	Single	3		IT	UPS	Light	Ventil	Heat	Air con	Specific equipment
e.g. SB 1	*+2*		✓	✓		*TD 4.2*	✓				✓	6 / 9 / 5							

[1] The Smart Tag is fitted on one of the main LV switchboard outgoing circuit or on the incoming cables to a distribution board.

[2] The Smart Router, a radio gateway, requires an access to the Internet; it ought to be placed as close as possible to the Smart Tags.

[3] The measured currents enable to validate the compatibility of the Smart Tags with the circuit to measure

Pictures and documents to provide

- ❒ The circuit breakers of each of the circuits to measure, with the face plate off
- ❒ Ground-plan of each of the floors which have a board to be fitted

Picture example

Method for checking the radio range (optional)

The Smart Tags send measured data through radio waves. The approximate range is 30 meters indoor or 4 floors. To test *in situ*:

a. Place and power up a Smart Router at a median point.

b. Use the test USB Smart Tag to evaluate the availability of the radio network on each of the points to measure: green and still LED = network OK