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|  | Checking-List 502 |

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| REF. DOCUMENT : | QF 144 |
|  | Nom | Fonction | Date | Signature |
| AUTEUR | Nicolas SOLLIER | Technicien SAV |  |  |
| VERIFICATEUR | Nathalie LUONG | Chargé Qualité |  |  |
| APPROBATEUR | Olivier BOSCHAT | Responsable SAV |  |  |
|  |
| DIFFUSION : | ECHOSENS, DISTRIBUTEURS |
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| MODIFICATIONS : |
| Date | Indice | Nature de la modification | Par |
| 11/12/13 | 1 | Création du document | KC |
| 20/11/15 | 2 | Mise à jour des incertitudes de mesure pour harmonisation avec le manuel techniqueMise à jour de l’adresse | KC |
| 15/06/2017 | 3 | Ajout valeurs test électriques | OB |
| 02/10/2017 | 4 | Remise en forme des informations produitRemise en forme du tableau « Used instruments »Ajout des parties « Probe 2 » et « Probe 3 »Ajout d’une cartouche de signature à la fin du rapport | NSO |

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| Form REF. | QF144.4\_SOP QP052 | 3 pages |

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| **Product Informations** |
| **S/N** |  | **Man. /Dist.** |  |
| **Probe S/N** |  |  |  |
| **Customer location** |  | **Customer name** |  |

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| **Service location** | [ ]  Echosens [ ]  On site ………………………………… [ ]  Other:……………………………..  |
| **Service date** |   | **Service reference** | SR/ |

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| **Software** |
| Update software | [ ]  OK [ ]  NOT OK [ ]  N/A | Software version = |
| Check Log files | [ ]  OK [ ]  NOT OK |
| Check import/export data | [ ]  OK [ ]  NOT OK |
| Check of Excel backup  | [ ]  OK [ ]  NOT OK |

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| **Used instruments** |
| **Manufacturer** | **Model** |  **Description** | **MET (Echosens only)****Or S/N (for distributors)** | **Calibration due date** |
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| **Computer Area** |
| **Mother board PCM-9577 voltage, connector 8** **[ ]  N/A** |
| **Connector description** | **Value obtained** | **Result** |
| Pin 1 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 4 : +12 Vdc ± 0.60 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 7 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
| **Mother board PCM-9582 voltage, connector 5** **[ ]  N/A** |
| **Connector description** | **Value obtained** | **Result** |
| Pin 1 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 1 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 4 : +12 Vdc ± 0.60 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 1 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 1 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
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| Check of the connectors | [ ]  OK [ ]  NOT OK |
| Disk drive test | [ ]  OK [ ]  NOT OK |

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| **Power Supply Area** |
| Power supply type |  |
| ALPDE board | Fuse 1 :500 mA | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Fuse 2 :500 mA | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Fuse 3 :3.15 A | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Fuse 4 : 63 mA | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Main filter | [ ]  OK [ ]  NOT OK | Fuses (2A/250V)\*2 | [ ]  OK [ ]  NOT OK |

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| **Elastometry Area** |
| **Board name** | **Connector description** | **Value obtained** | **Result** |
| REG ANA board voltage | Pin 1 : + 23 Vac/+27 Vdc18<V<23 Vac or +23,7<v<+30,3 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 3 : - 23 Vac/- 27 Vdc18<V<23 Vac or +23,7<v<+30,3 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 5 : + 5 Vdc ± 0.25 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 7 : + 16 Vdc ± 0.80 Vdc |  | [ ]  OK [ ]  NOT OK |
| Pin 8 : - 16 Vdc ± 0.80 Vdc |  | [ ]  OK [ ]  NOT OK |
| LED + 12V (red) |  | [ ]  OK [ ]  NOT OK |
| LED + 3.3V (red) |  | [ ]  OK [ ]  NOT OK |
| ASSVT board | Fuse 1 |  | [ ]  OK [ ]  NOT OK |
| Fuse 2 |  | [ ]  OK [ ]  NOT OK |
| LED of the Fuse 1 (green) |  | [ ]  OK [ ]  NOT OK |
| LED of the Fuse 2 (green) |  | [ ]  OK [ ]  NOT OK |
| LED of DSP (green) |  | [ ]  OK [ ]  NOT OK |
| Mono E/R board | LED of U/S (green) |  | [ ]  OK [ ]  NOT OK |
| ACQUISITION board | Green LED (on=ok) |  | [ ]  OK [ ]  NOT OK |
| Red LED (off=ok) |  | [ ]  OK [ ]  NOT OK |
| Check of the connectors | [ ]  OK [ ]  NOT OK |

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| **Screen Area** |
| Test on/off button (led on) | [ ]  OK [ ]  NOT OK |
| Check of the keyboard and mousse connectors | [ ]  OK [ ]  NOT OK |
| Clean Keyboard | [ ]  OK [ ]  NOT OK |
| Test VGA output | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Test USB port | [ ]  OK [ ]  NOT OK Comment: |
| Test network output | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Test of printer | [ ]  OK [ ]  NOT OK [ ]  N/A |

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| **Probe 1** |
| Blue LEDS of the probe | [ ]  OK [ ]  NOT OK |
| Check the probe memory | Date of next calibration :……................ | [ ]  OK [ ]  NOT OK |
| Acquisition Test | Button 1 | [ ]  OK [ ]  NOT OK |
| Button 2 | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Over pressure Test | Message appears | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Delay of 15 seconds | [ ]  OK [ ]  NOT OK [ ]  N/A |
| Check the information contact on calibration message | [ ]  OK [ ]  NOT OK |

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| **Probe 2** **[ ]  N/A** |
| Blue LEDS of the probe | [ ]  OK [ ]  NOT OK |
| Check the probe memory | Date of next calibration :…….......... | [ ]  OK [ ]  NOT OK |
| Acquisition Test | [ ]  OK [ ]  NOT OK |
| Check the information contact on calibration message | [ ]  OK [ ]  NOT OK |

| **Probe 3** **[ ]  N/A** |
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| Blue LEDS of the probe | [ ]  OK [ ]  NOT OK |
| Check the probe memory | Date of next calibration :……................ | [ ]  OK [ ]  NOT OK |
| Acquisition Test | [ ]  OK [ ]  NOT OK |
| Check the information contact on calibration message | [ ]  OK [ ]  NOT OK |

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| **Class 1 Type B safety test** |
| Date………………Tested By……………….…..…… | Protective earth impedance = (Earth bond) < 0,3Ω [ ]  Pass    [ ]  FailEarth leakage current (Equipment leakage)<500µA [ ]  Pass    [ ]  FailBreakdown on insulation(insulation EUT 500V) [ ]  Pass    [ ]  Fail |
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| IEC 62353:2008 |

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| **FootSwitch** |
| Footswitch check | [ ]  OK [ ]  NOT OK [ ]  N/A |

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| **Frame** |
| State of device (cf. picture below) | [ ]  OK [ ]  NOT OK |
| Labelling | [ ]  OK [ ]  NOT OK |

**FRAME CONTROL**



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| Operator Code: | Signature: |