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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 | | | | |
|  | | | | | | | | |
| 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 technique  Mise à jour de l’adresse | | | | | KC |
| 15/06/2017 | 3 | | Ajout valeurs test électriques | | | | | OB |
| 02/10/2017 | 4 | | Remise en forme des informations produit  Remise 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 |
|  |  | |
| 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 Vdc  18<V<23 Vac or +23,7<v<+30,3 Vdc |  | OK  NOT OK |
| Pin 3 : - 23 Vac/- 27 Vdc  18<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** | | |
| --- | --- | --- |
| 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     Fail  Earth leakage current (Equipment leakage)  <500µA  Pass     Fail  Breakdown on insulation(insulation EUT 500V)   Pass     Fail |
|  | |
| 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: |