***Surface Mount / Technician Inspection Report***

***DATE: TECHNICIAN: \_\_ Job #: \_\_\_ \_\_\_\_\_***

***P.O. Number \_\_\_\_\_\_\_\_\_\_\_\_ P.O. Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Shop Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Board (A level) / Assembly (S/SA level) #*** | |  |  |  |
| ***Quantity*** | |  |  |  |
| ***DEFECT ▼ 1st Time pass ►*** | |  |  |  |
| ***Outside Processes*** | ***Insufficient Solder*** |  |  |  |
| ***Excessive Solder (Solder shorts, bridges)*** |  |  |  |
| ***Cold solder*** |  |  |  |
| ***Damaged Part*** |  |  |  |
| ***Incorrect Part*** |  |  |  |
| ***Missing Part*** |  |  |  |
| ***Part Orientation or Polarity*** |  |  |  |
| ***Poor Part Placement / Alignment*** |  |  |  |
| ***Poor Cleaning (flux residues, contaminants)*** |  |  |  |
| ***Other – Please add note below*** |  |  |  |
| ***Notes:*** | | | | |
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| ***Production*** | ***Insufficient Solder*** |  |  |  |
| ***Excessive Solder (Solder shorts, bridges)*** |  |  |  |
| ***Poor Cleaning (flux residues, contaminants)*** |  |  |  |
| ***Cold solder*** |  |  |  |
| ***Damaged Part*** |  |  |  |
| ***Missing Part*** |  |  |  |
| ***Part Orientation or Polarity*** |  |  |  |
| ***Broken / Incorrect Wiring*** |  |  |  |
| ***Other – Please add note below*** |  |  |  |
| ***Notes:*** | | | | |
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|  | | | | |
| ***Engineers*** | ***Mechanical Assembly*** |  |  |  |
| ***Calibrator Speakers*** |  |  |  |
| ***Firmware or Hardware Bug*** |  |  |  |
| ***Trace damage due to board layout*** |  |  |  |
| ***Software Bug or programming problems*** |  |  |  |
| ***Other – Please add note below*** |  |  |  |
| ***\* If a part is suspected to be out of tolerance enter in this section and give the parts to QA.*** | | | | |
| ***Notes:*** | | | | |
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| ***Supplier*** | ***Defective Part (aesthetics included)*** |  |  |  |
| ***Assembly (metal work or case fit problems)*** |  |  |  |
| ***Other – Please add note below*** |  |  |  |
| ***Notes:*** | | | | |
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***Instructions for failed assembly needing rework:***

***If an assembly pulled for a job needs to go to rework, fill out an additional form, D0001.1168-1, for the assembly going to rework.***

***If the root cause failure of the assembly is a vendor issue, complete the top section of NCN form, D0001.1034-1. Include a detailed description of failure.***

***A replacement assembly will need to be pulled to complete the quantity needed for the job.***