


ANTI-STATICS TEST REPORT (ESD)

#706, Chorok-ro, Yanggam-myeon, Hwasung-si, Gyeonggi-do, Korea. Zip Code : 445-933

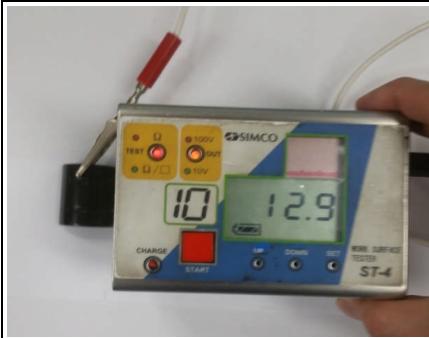




TEL : +82 31 8059 2511 / FAX : +82 31 8059 2513 / Email : hbl@hbjoint.com

DATE OF ISSUE : NOV. 11, 2015

PREPARATION OF TEST

| | | |
|---|----------|---|
|  | TEST | ANTI-STATICS(ESD) |
| | TESTER | WORK SURFACE TESTER(OHM'S) |
| | SPECIMEN | STAINLESS PIPE(201) 1.1T, 150MM CONDUCTIVE PIPE 1.0T, 150MM METAL JOINT H-1 NICKEL(NICKEL PLATED) METAL JOINT H-1 SILVER(ZINC PLATED) METAL JOINT H-1 BLACK(ELECTRODEPOSITION PLATED) |

TESTING

| | | |
|---|--|--|
| META JOINT BLACK H-1 ELECTO DEPOSITION PLATED | METAL JOINT SILVER H-1 ZN PLATED | METAL JOINT NICKEL H-1 NICKEL PLATED |
|  |  |  |
| STAINLESS PIPE 1.1T 201 | CONDUCTIVE PIPE 1T | |
|  |  | |

RESULT

| PRODUCT | CODE | OMH'S | RESULT FOR ESD |
|--------------------|-----------|-------|----------------|
| STAINLESS PIPE | ST-1110 | -2.5 | SUITABLE |
| CONDUCTIVE PIPE | CP-1100BK | 3.6 | SUITABLE |
| METAL JOINT BLACK | MJ-2101BK | 12.9 | NOT SUITABLE |
| METAL JOINT SILVER | MJ-2101SV | -2.5 | SUITABLE |
| METAL JOINT NICKEL | MJ-2101NI | -2.5 | SUITABLE |



QUALITY ASSURANCE

HBL INC

* Above data was extracted in restrictive environment, It may be affected by any kind of environment facts.