

CLEAN ROOM MAINTENANCE

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VALIDATION CERTIFICATE

H.E.P.A- FILTER INTEGRITY TEST

DATE: 17.06.2014

Doc No : 15153

EQUIPMENT USED: TA 410 Anemometer

SP 200 Photometer

Serial No: 4101306006

Serial No: 400011

CALIBRATED: February 2014

January 2014

NEXT CALIBRATION: February 2015

January 2015

| | | | | | |
|--------------------|----------------------|----------------------------|-------------|--------------------------------|--------|
| CLIENT | L.V.C. Data Recovery | | TYPE | 4ft Airvolution Laminar Bench. | |
| LOCATION | Laboratory | | | UNIT No | N/A |
| Filter Size | 1-Off | 1220x610x68mm HEPA Filters | | Room No | N/A |
| Prefilter | 1-Off | Media | | Pressure diff: | 100 Pa |

SANS 12469 - 2002

TEST METHOD :

UPSTREAM CHALLENGE READING
MAX. DOWNSTREAM PENETRATION

100ug/l EMERY
0.0012%

0.0009%

| | | | |
|---------|-----|-----|-----|
| .45 | .49 | .47 | .45 |
| | .50 | | .49 |
| 0.0012% | | | |
| .46 | .48 | .50 | .46 |

Average velocity :- 0.47m/s
Velocity of max. from ave velocity 6.38%
Velocity of min. from ave velocity 4.25%

| | | |
|-----------------------|-----|----|
| Unit Vibrating | YES | NO |
|-----------------------|-----|----|

ACCEPTANCE CRITERIA : FILTER BANK LESS THAN 0.01%

Variations should not exceed 20%

Average velocity : Should be between 0.30 - 50m/s

REPAIRS / RECOMMENDATIONS

Filter seals and penetrations within limits.

Unit passes validation.

Replaced 1-off Pre Filter Media.

DUE DATE June 2015

TESTED BY: Melvin Sibley

ACCEPTED BY: P. Jordaan

Certificate Done BY: M. Mokone

SIGNATURE:

Q.A Checked BY: