

# Periodic Maintenance Yearly Checks

## 每年檢查

**Worker:**

**Date:**

**Chamber Model:**

**S/N:**

| Items | Check List Terms  | Yes | No | Note |
|-------|---|-----|----|------|
| 1     | Check the compressed air regulator should read 80PSI.<br>■ 檢查壓縮空氣壓力調節閥讀值為80PSI  |     |    |      |
| 2     | The LN2 proportional regulator should read 25PSI, don't higher 30PSI.<br>■ 確認控制 LN2 valve 的壓縮空氣壓力讀值為 25PSI,不可高於 30PSI   |     |    |      |
| 3     | Verify that the accelerometer cables are snug and accelerometer block screws are tight.<br>■ 確認無任何物品壓到加速規cable,以及該固定座螺絲是確實緊定的   |     |    |      |
| 4     | Verify that the accelerometer and cable are tight on the accelerometer block.<br>■ 確認加速規與cable是確實被緊定在固定座上   |     |    |      |
| 5     | Verify that the computer can communicate to Halt Chamber well and OVS Manager software can be operated normally.<br>■ 確認控制電腦與Halt Chamber的連線狀況良好,以及 OVS Manager控制程式可以正常操控 |     |    |      |
| 6     | Compressed air filters for cleanliness.<br>■ 清除所有壓縮空氣過濾器 (水/油/顆粒雜質)   |     |    |      |
| 7     | Verify that the spring cups and bolts of Table Assembly must be tight.<br>■ 確認工作平台底下四個彈簧螺絲及杯蓋螺帽是確實緊定的   |     |    |      |

|    |  |  |  |  |
|----|--|--|--|--|
| 8  | <p>Turn the vibration on to 50% , check that the main regulator remains at 80PSI.</p> <p>■ 執行振動測試,當% vibration到達50%時,檢查主調節閥仍可保持在80PSI.</p>                       |  |  |  |
| 9  | <p>Check the chamber safety systems in accordance with “Safety Systems”.</p> <p>■ 檢查安全系統(緊急按鈕/警示燈...等)</p>   |  |  |  |
| 10 | <p>Visually inspect the thermocouples for damage. Replace as necessary.</p> <p>■ 目視檢查thermocouples溫度線是否損傷,如必要時更換掉</p>  |  |  |  |
| 11 | <p>Visually inspect the vibration system for loose hardware, including any fixtures. Tighten or replace as necessary.</p> <p>■ 目視檢查振動系統硬體部分有無鬆脫,加以鎖緊,如必要時更換掉</p> |  |  |  |
| 12 | <p>Perform the PM procedure. See .PM Procedure.</p> <p>■ 執行PM大保養程序<br/>(建議連絡Chroma專業技術人員執行,以確保設備妥善率)</p>   |  |  |  |
| 13 | <p>Calibrate the thermocouples in accordance with “Calibrating Thermocouples”.</p> <p>■ 執行年度溫度校正及校準<br/>(建議連絡Chroma專業技術人員執行,以確保設備妥善率)</p>                        |  |  |  |
| 14 | <p>Calibrate the accelerometers in accordance with “Calibrating Accelerometers”.</p> <p>■ 執行年度振動校正及校準<br/>(建議連絡Chroma專業技術人員執行,以確保設備妥善率)</p>                      |  |  |  |

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