MDM & MXR MACHINE CHECKLIST FOR PIPELINE SUPPLIED MACHINES

**AIMS**
1. To check adequate gas supply
2. To check correct functioning of controls and flowmeters
3. To check the automatic cut-out of nitrous oxide flow
4. To check reservoir bag for leaks

**METHOD**

Start with machine plugged into gas outlets

<table>
<thead>
<tr>
<th>Gas Check</th>
<th>1. Ensure both Oxygen and Nitrous Oxide pressures are Green on local gas alarm panel (auto manifold fed systems) or check pressure regulator gauges</th>
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</thead>
</table>
| Failsafe Check | 2. Open flow control with mixer control set at 50% oxygen  
3. Disconnect Oxygen probe fr from pipeline terminal  
4. Check that both flowmeters fall to zero |
| Flowmeter and Controls Check | 5. Reconnect Oxygen Probe  
6. Set mixture control at 100%  
7. Open flow control. Set flow meter at 6 litres/minute oxygen  
8. Set mixer control at 50%  
9. Check that both flow meters indicate 3 L/min + 0.5 L/min |
| Reservoir Bag Inspiratory valve Check | 10. Turn off flow control. Set mixture control at 100% oxygen  
11. Occlude common gas outlet  
12. Press oxygen flush to inflate reservoir bag  
13. Check that bag holds pressure and no gas escapes from Inspiratory valve |

**Machine ready for use**

*Please note: MXR R A Machines: adjustment of mixture control will not automatically maintain original flow setting.*

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