

- 3. Failed to test DOT-SP 14562 cylinders at the minimum test pressure of 480 psi as required by Paragraph 7.a.1 of the Fifth Revision issued on October 19, 2011.**

On October 19, 2011, PHMSA granted Lite Cylinder's request for a 5th Revision to DOT-SP 14562, which increased the maximum service pressure for these cylinders to 320 psi and the minimum test pressure to 480 psi. Lite Cylinder's manufacturer's reports to PHMSA indicate that it has tested 11,416 DOT-SP 14562 cylinders at 441 psi since the 5<sup>th</sup> Revision became effective on October 19, 2011.

- 4. Failed to conduct cycle and burst testing at random intervals, as required by DOT-SP 14562, Paragraphs 7.a.10.ii - .iii.**

DOT-SP 14562 requires cycle testing for one cylinder taken at random from each group of 1000 cylinders, and burst testing for one cylinder taken at random from each run of 200 cylinders or less. Lite Cylinder's records show that the company conducted all of the required cycle and burst tests at the beginning of each lot manufacturing process, rather than taking random samples.

- 5. Failed to manufacture DOT-SP 14562 cylinders in accordance with the Quality Systems Manual (QSM) on file with PHMSA's Permits and Approvals Division, as required by Paragraph 7.a of DOT-SP 14562.**

PHMSA's review of Lite Cylinder's manufacturing records show that the company failed to follow the requirements of the QSM on file with PHMSA. Specifically, Lite Cylinder: