

**Horner APG**

Product Development  
59 S. State Ave  
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April 13, 2020

**Subject: Lithium Ion Test Summary for the for the Panasonic CR2032 Lithium Coin Battery**

To Whom it May Concern:

For safety reasons, the UN Manual of Tests and Criteria, per sub-section 38.3, requires that lithium batteries be subject to a series of design tests.

Horner APG, in compliance with requirements from the Pipeline and Hazardous Materials Safety Administration (PHMSA) and the US Department of Transportation, is providing the battery test summary for the lithium battery used in the following Horner Controller: **X5**.

Attached find the test summary for the Panasonic CR2032, test ID CP0008-10, dated 05/08/2008 for Horner part number BAT00027.

Click [HERE](#) for battery test summary.

MAN1275-01-EN\_BAT00027