



Product Alert

July 30th, 2018

Type of Notification: Performance Related Concern

FM Approvals has been notified by Detcon Inc. of a potential performance related concern involving FM Approved Detcon model TP-524D solid state H2S sensors manufactured between April 1, 2017 and March 8, 2018.

Company Identity: Detcon Inc.

Name: Detcon Inc.

Address: 4055 Technology Forest Blvd, The Woodlands, Texas 77381, USA.

Contact Information: Michael Mobley | Certification Manager Personal Safety Division 4055 Technology Forest Blvd., The Woodlands, Texas, 77381, USA

Office: +1 713 559 9258

mmobley@scottsafety.com

Product Identity: TP-524D Solid State H2S Sensor

Description: The Detcon model TP-524D H2S Solid State Sensor was approved as a Stationary Single Channel 4-20 mA Toxic Gas Detector suitable for installation as explosionproof in Class I, Division 1, Groups B, C, and D Hazardous (Classified) Locations by FM Approvals on May 16th 2011.

Make/Model: Detcon TP-524D

Nameplate Data: Model TP-524D bearing the FM Approval Mark with the following ratings:

FOR PERFORMANCE AND HAZARDOUS LOCATIONS

CLASS I DIV 1, GROUPS B,C,D

T6; -40°C ≤ TA ≤ 60°C

FM Approval Status: FM Approved

Hazard Involved: Detcon has informed FM Approvals that on certain batches of product manufactured in the timeframe referenced may have had a step in the manufacturing process omitted that makes the product vulnerable to failure under vibration conditions.

Detcon Inc. is reaching out to all affected users and is conducting an exchange program for product that falls within the identified date range (see attached Product Notice).

If you have any questions or concerns related to this Product Alert please contact:

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F 900/Rev. 0

3M Personal Safety Division

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PRODUCT NOTICE

Date: April 12, 2018

Subject: TP-524D/624D Beau Connector Pin Twist

Dear Customer,

The purpose of this communication is to notify you about an issue relating to our TP-524D/624D MOS H₂S gas detection products. This issue impacts the FM performance certification of the products. We became aware that on certain batches of products we omitted a step in our operations involving twisting the pins on the Beau Connector to meet FM performance approval to ISA 92.01.00:2010 relating to vibration testing.

Products shipped between October 1, 2017 through March 8, 2018 are impacted. You are receiving this letter because we have identified Sales Orders that were shipped to your company for these products during the affected period. Test results indicate that in high vibration applications, the gas detector may fail to perform as designed, in which case the unit will go into a Heater Fault status intermittently.

You are receiving this letter because you purchased product within the date range noted above. You must replace the plug-in circuit board stack with a new circuit board stack which we will provide to you without charge. Failure to follow these instructions on any product purchased in the date range noted above will invalidate FM performance approval on such product and could exhibit the performance problems noted above.

Please obtain the serial numbers off your device(s) and contact our Service Department at Detcon-Service@scotssafety.com for further information on obtaining the replacement circuit board stack and replacement instructions. We request that you take action on this Product Issue within 90 days of receiving this letter.

Sincerely,



Chip Leiner
Fixed Product Manager Americas
001 704 291 8496

3M COMPANY CONFIDENTIAL