

Safety Defect and Noncompliance Report Guide for Vehicles  
**PART 573 Defect and Noncompliance Responsibility and Reports<sup>1</sup>**

On Sept - 13, 2010, Sutphen [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. \_\_\_\_\_) exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: Sept. 13 - 2010

Furnish the manufacturer's identification code for this recall (if applicable): \_\_\_\_\_

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Sutphen Corporation 6450 Eiterman Rd  
Dublin Ohio 43016 USA

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

ALLEN SHAW SERVICE MANAGER

Telephone Number: 866-287-5549 Fax No.: 937-969-8869

Name and Title of Person who prepared this report.

ALLEN SHAW  
SERVICE MANAGER

Signed:

Allen Shaw

<sup>1</sup> Each manufacturer must furnish a report, to the Associate Administrator for Enforcement, for each defect or noncompliance condition which relates to motor vehicle safety.

**I. Identify the Vehicle Models Involved in the Recall**

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): Sutphen Model Years Involved: 06-08 Model(s): \_\_\_\_\_

Production Dates: Beginning: 06 Ending: 08

VIN Range: Beginning: See Attached Ending: \_\_\_\_\_

Vehicle Type: TRUCK Bodystyle: firefighting

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Sutphen firefighting apparatus with Series 60 Detroit Diesel Engines Series 60 EPA07 MCM Reprogramming

Make(s): \_\_\_\_\_ Model Years Involved: \_\_\_\_\_ Model(s): \_\_\_\_\_

Production Dates: Beginning: \_\_\_\_\_ Ending: \_\_\_\_\_

VIN Range: Beginning: \_\_\_\_\_ Ending: \_\_\_\_\_

Vehicle Type: \_\_\_\_\_ Bodystyle: \_\_\_\_\_

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

\_\_\_\_\_  
\_\_\_\_\_

Make(s): \_\_\_\_\_ Model Years Involved: \_\_\_\_\_ Model(s): \_\_\_\_\_

Production Dates: Beginning: \_\_\_\_\_ Ending: \_\_\_\_\_

VIN Range: Beginning: \_\_\_\_\_ Ending: \_\_\_\_\_

Vehicle Type: \_\_\_\_\_ Bodystyle: \_\_\_\_\_

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

\_\_\_\_\_  
\_\_\_\_\_

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Vehicles equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Vehicles of all Vehicles manufactured during that time period.

Approx - 11%

**II. Identify the Recall Population**

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

<b>Model</b>	<b>Year</b>	<b>Number of Vehicles Potentially Involved</b>
<i>Aerials</i>	<i>06-08</i>	<i>24</i>
<i>Pumpers</i>	<i>07-08</i>	<i>30</i>

Total Number Potentially Affected by the Recall: 54

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: *100%*

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

*All Detroit Diesel Engines as identified by Detroit Diesel Corp by Safety Recall 10C2*

**III. Describe the Defect or Noncompliance**

**5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.**

Detroit Diesel Corp has determined that a safety concern  
on their exhaust system that may cause engine shutdowns

**Describe the cause(s) of the defect or noncompliance condition.**

Software Programming Fault

**Describe the consequence(s) of the defect or noncompliance condition.**

Unexpected engine shutdown could occur

**Identify any warning which can (a) precede or (b) occur.**

NONE

**If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.**

Clark Power Systems Inc.

3488 W 1200 N

DePue IN. 46733

**Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:**

Don Bixler - Vice President Sales - Clark Power Systems Inc.

#### IV. Provide the Chronology in Determining the Defect/Noncompliance

*If the recall is for a defect, complete item 6, otherwise item 7.*

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

In mid May Clark Power Systems Inc. contacted Sotphow Corporation that Detroit Diesel was having a campaign (10C2) to reprogram engines to prevent unexpected engine shutdowns

#### V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available for inspection by the public at NHTSA headquarters.

Sotphow Corporation will supply Clark Power Systems Inc. with customer details so that reprogramming can be performed on all affected engines. Sotphow will follow up with effected customers to verify Reprogramming has taken place

9. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

Reprogramming of engines with MCM of V62.6.0.0 software or higher and fuel map version ZGS 114 or higher will prevent unexpected shutdown

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

Software versions will be V62.6.0.0 or higher  
fuel map versions will be ZGS 114 or higher

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

Newer software is implemented in newer engines

#### VI. Identify the Recall Schedule

10. Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

Purchasers of Sulphur fire Equipment with effected engines will be notified no later than 10-1-10  
Programming updates will be coordinated by no later than 11-1-10

## VII. Furnish Recall Communications

**11. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) or by E-Mail to [RMD.ODI@dot.gov](mailto:RMD.ODI@dot.gov) for review prior to mailing.**

**Note that these documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.**