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By Recall Management Division at 3:49 pm, Jul 10, 2014

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**Via Email:** [RMD.ODI@dot.gov](mailto:RMD.ODI@dot.gov)

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590

The following information is submitted in accordance with the National Highway Traffic Safety Administration's defect reporting regulations. This submission relates to a defect identified in certain replacement fuel pumps. Airtex has not received any reports of accidents, fires, injuries, or property damage.

**1. Identification of the manufacturer, § 573.6(c)(1)**

Airtex Products, LP

**2. Identification of the Equipment, § 573.6(c)(2)**

This report applies to certain replacement fuel pumps designated as Airtex model number E84070 that were shipped between December 11, 2013 and June 20, 2014.

Airtex purchased the pumps from a manufacturer located in China; this supplier's address and contact information is as follows:

Hui Run Electrical Machinery Co., Ltd.  
ADD: NO.1389, 1st Avenue  
Binhai Industrial Area,  
Economic & Technological Development Zone,  
Wenzhou, China 325011  
Tel: 86-577-56589698/86555558

The model E84070 pump is marketed as a universal pump for use on large, carbureted engines. To Airtex's knowledge, the pump may be used on heavy duty motor vehicles and stationary engines, such as those used to power electric generators. Airtex does not sell this pump to any customers for use as original equipment and is not aware of any specific make or model of motor vehicle that is designed to be equipped with this pump.

### **3. Number of Items of Equipment Containing the Defect, § 573.6(c)(3),(4)**

Airtex began purchasing this pump from Hui Run Electrical Machinery in December 2013. Airtex's first shipment of pumps obtained from this supplier occurred on December 11, 2013 and its last shipment was on June 20, 2014. In total, Airtex has shipped 3,917 pump units purchased from this supplier to its customers. Airtex's customers include large, chain store automotive retailers and distributors that resell the pumps to local stores and professional mechanics (installers).

Some of the units shipped by Airtex may remain in inventory of its customers. Accordingly, Airtex has taken steps to recover these units. Airtex has also received three pumps that were returned by a customer (discussed further below). Accordingly, the maximum number of units that may be in use in the field is 3,914, which is the total that Airtex has shipped less the three that have been returned to date.

### **4. Description of the defect and affected population, § 573.6(c)(5)**

A customer notified Airtex that he was returning three model E84070 units because of poor performance. After receiving this complaint, Airtex did performance testing of units in its inventory. During this testing, three units leaked test fluid, although no leaks were reported by the customer and Airtex has not received any other reports of leaks.

Further investigation showed this leak to be caused by a poor seal around an electrical connection which resulted from a lack of process controls by Airtex's supplier. Although Airtex has not received any customer complaints or claims of this model pump leaking fuel, Airtex has determined that pumps with this manufacturing defect could leak fuel, thus presenting a potential fire risk.

### **5. Chronology of Events, § 573.6(c)(6)**

December 11, 2013	Airtex starts shipping its model E84070 pumps supplied by Hui Run Electrical Machinery.
June 18, 2014	Airtex receives a customer complaint of poor operating performance and begins performance testing of a sample of pumps in its inventory
June 20-24, 2014	Airtex observes three pumps leak test fluid during performance testing.
	Further investigation shows that the leak results from a manufacturing process defect.

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Airtex takes steps to notify customers to quarantine any product in their inventory.

#### **6. Description of the remedy, § 573.6(c)(8)**

The remedy program will consist of the replacement of the defective pumps, at Airtex's expense. Airtex has already provided notice to its direct customers to quarantine and return to Airtex model E84070 pumps shipped after December 11, 2013 that may remain in customers' inventory.

Airtex will also take steps to identify professional mechanics or individual consumers who may have purchased non-conforming pumps from Airtex's direct customers. Airtex has requested that these customers provide Airtex with contact information for mechanics and other individuals that may have purchased this pump.

Airtex will individually notify these individuals of the recall and remedy program by mail. If a mechanic or a consumer has not installed the fuel pump, Airtex will arrange for the customer to return the pump and provide the customer with a replacement at Airtex's expense. If the pump has been installed, Airtex will also pay the cost of installing the replacement.

Finally, Airtex will post notice of this recall and available remedies on its website.

#### **7. Notification materials, § 577.11**

Copies of the notice that Airtex will post on its website, and proposed customer, installer, and individual consumer notifications are all enclosed. Airtex is prepared to proceed with its notification program within thirty days from the filing of this report.

\* \* \*

Please provide the recall campaign number and direct all communications relating to this matter to the undersigned.

Very truly yours,



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