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By Recall Management Division at 2:46 pm, Jan 29, 2014



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January 29, 2014

Ms. Kelly Schuler
Recall Management Division
National Highway Traffic Safety Administration
400 Seventh Street S.W.
Washington, D.C. 20590

Dear Ms. Schuler:

Terex became aware of the issue in August 2013 when we began having calls from customers reporting that lights were being disabled. Upon investigation, it was determined that this issue was the result of water entering the Deutsch connector via a missing plug in pin #8 on the control box side. On October 2013, Terex implemented a change on the assembly line to inspect pin #8 of the Deutsch connector and insert a plug if it was missing. Although there have been no reports of any fires spreading beyond the Deutsch connector, Terex has now decided to conduct a safety recall to inspect and insert this plug to the unused pin on all the affected units in the field

Terex will conduct a notification and remedy campaign under the Vehicle Safety Act. Accordingly, we are submitting the enclosed Information Report containing the information required by Part 573 of your regulations, as well as a draft customer notification letter. Genie is prepared to start the campaign after receiving your approval of the draft customer notification letter

Terex will submit quarterly reports, pursuant to 49 CFR part 573.3 (a) and 573.5 as this recall progresses.

If you have any questions or need additional information, please feel free to contact me directly at 425-556-8663.

Sincerely,

Richard M Curtin
Product Safety Director



SN 140001 INFORMATION REPORT (NHTSA RECALL NOTICE TBD)

1. Manufacturer's name/address: Terex is the manufacturer of the subject trailer mounted, articulating boom supported, aerial work platforms.

2. Vehicle involved in this notification: The following light tower models are the subject of this recall:

AL4
RL4

These production dates cover 100% of the AL4 and RL4 light towers manufactured in the time frame listed above. Affected models can be identified by verification of the model, serial number and model year found on the serial label as follows:

Model Year and Serial numbers affected:

2013 AL413-2417 to 2620
RL413-6097 to 8902

2014 AL414-2621 to 2639
RL414-8903 to 9022

3. Total number of vehicles: The number of U.S. trailers affected by this recall is approximately 3000.

4. Approximate percentage of vehicles estimated to actually contain the condition:

Terex does not know the percentage of vehicles actually exhibiting the condition; therefore, this campaign will include 100% of the trailers identified in items 2 & 3, above.

5. Description of the issue: Terex has discovered that water can enter an electrical connection that controls the lighting on the machine. When water enters the connection it can cause arcing inside the connection. **If an arcing event occurs it can result in a small fire at the connector and disable the lights.**

6. Chronological summary of events leading to this determination: In August 2013, Terex began receiving customer reports that lights were being disabled and that they noticed a burned Deutsch connector on the connection between the coil cord and the control box. As Terex started to receive more of these reports, an internal investigation was launched on October 3rd 2013 to determine the root cause. As a result of the investigation and product testing, it was determined that this issue was the result of water entering the Deutsch connector via a missing plug in pin #8 on the control box side. On October 2013, Terex implemented a change on the assembly line to inspect pin #8 of the Deutsch connector and insert a plug if it was missing. Although there have been no reports of any fires spreading beyond the Deutsch connector, Terex has now decided to conduct a safety recall to inspect and insert this plug in the unused pin on all the affected units in the field.



7. Description of proposed remedy: Terex will conduct a recall by sending a Safety Recall Notice that satisfies the requirements of 49 CFR part 577.5 to all purchasers and dealers who might be affected by the recall. The remedy includes plugging this unused pin. Terex is working towards a notification date of March 2014 and will be completed one week after notification is first sent. Along with the Safety Recall Notice, Terex will provide a kit with instructions on how to plug the unused pin.

8. Program for remedy campaign (including program for reimbursing any consumer who obtained the remedy at his/her own expense) of this report: See description of remedy campaign in Item 7, above. Terex will reimburse any owner of the affected light tower related to this recall. Consistent with §573.13 of NHTSA's regulations, Terex will require documentation of the amount paid by the owner for the repair, and documentation that the repair costs were incurred for reasons related to this recall.