



Subsidiary of Federal Signal Corporation  
Interoffice/Intracompany Correspondence

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Subject: Results of ECK Air Sample Testing                      Phone: x 4965

On Monday April 28<sup>th</sup>, with the assistance of an independent testing company (Golder Associates Inc.), air sample testing was conducted on the new corrosion inhibiting product ECK. The two areas selected for testing were the (1) compartment door assembly area and (2) rigging. Door assembly was chosen because they are using the largest quantities of ECK, and rigging because it appears to be a standard application area.

A passive sampling device used to detect all inorganic solids was attached to one (1) individual from each of these areas and samples were drawn and the devices monitored continuously by a Golder associate over one shift during production. In addition, the consultant conducted spot testing throughout the body and the chassis facilities.

The results of the testing (also see attached) are as follows:

Description	Total Weighted Average for the Shift	Total Acceptable Levels	
		ACGIH	OSHA
Jim Robinson (Doors)	0.88 ppm	50.00 ppm	100.00 ppm
David Eggleston (Rigging)	0.82 ppm	50.00 ppm	100.00 ppm

ACGIH – American Conference of Government Industrial Hygienists

OSHA – Occupational Safety and Health Administration

ppm -- Parts Per Million

The highest spot reading was achieved in the door department and was at 13 ppm and the highest spot reading in the chassis and body production areas was 2 ppm.

If you have any questions please feel free to contact myself (4965) or Vic Montanez (3750).