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Technical Safety Division

DIRECTIVE

(Issued pursuant to s.30 of the *Technical Safety Act*)

DIRECTIVE #: FSD 2014-01

SECTION: Fuel Safety

SUBJECT: Static Discharge/ Propane Bulk Plants

ISSUED BY: Paul Fowler, Chief Inspector (Acting), Fuel Safety

ISSUE DATE: July 28, 2014

REV. #:

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As the result of a recent incident the following measures shall be implemented at all propane bulk plants within 30 days of the date of this directive.

All propane bulk plants shall be equipped with grounding systems for truck loading and un-loading activities. These grounding systems shall be employed for all product transfers. This also applies to all rail un-loading activities.

All bulk plants that have cylinder inversion systems shall be equipped with grounding systems for these systems. The grounding system shall be employed anytime there are cylinders in the inverters. The cylinder inverter itself shall be grounded and a ground clamp shall be provided for connection directly to the cylinder(s) being inverted.

All companies operating propane bulk plants shall develop an operational policy for the use of the grounding systems in their plants.

All companies operating propane bulk plants shall undertake an assessment of their bulk plants and the risk for static discharge resulting from any current operational practices. Any such practices that are identified shall cease or be modified to reduce or eliminate the static discharge risk.

All employees working in bulk plants shall be made aware of the potential for static discharge and how to minimize this ignition source risk.

Questions or comments regarding this directive may be addressed to the Chief Inspector, Fuel Safety.