

INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC 60079-11
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**Explosive atmospheres -
Part 11: Equipment protection by intrinsic safety “i”**

INTERPRETATION SHEET 6

This interpretation sheet has been prepared by subcommittee 31G: Intrinsically-safe apparatus, of IEC technical committee 31: Explosive atmospheres.

The text of this interpretation sheet is based on the following documents:

DISH	Report on voting
31G/438/DISH	31G/443/RVDISH

Full information on the voting for the approval of this interpretation sheet can be found in the report on voting indicated in the above table.

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Draft Interpretation Sheet Annex G

Background

Clause G.2 states that:

“... linear sources of power shall have their maximum voltage within the limit curve for linear source from the applicable diagram from Figure G.2 or Figure G.3.”

However, the clause does not state the corresponding current at which the maximum voltage of the linear source should be drawn in the applicable diagram.

Question:

What is the correct point to apply diagrams from Figure G.2 or Figure G.3 for linear sources?