Env-A 1400 Compliance Determination Flow Chart

Start

Does the process/device emit a RTAP? NO

NOT subject to Env-A 1400
Keep records of determination

YES

Are process/device stack(s) vertical and unobstructed A? NO

Go to Step 3

NOT subject to Env-A 1400
Keep records of determination

YES

Is the source of the RTAP emissions an exempt activity under Env-A 1402? NO

Are process/device stack(s) vertical and unobstructed A? YES

Go to Step 3

Calculate ACTUAL A facility RTAP emissions (lb/day & lb/yr)

YES

Are ACTUAL A facility RTAP emissions ≤ 24-hr and Annual De minimis? NO

Calculate ACTUAL A adjusted in-stack RTAP concentration (µg/m³)

NO

Are ACTUAL A adjusted in-stack RTAP concentration ≤ 50% of 24-hr and Annual AALs? YES

Calculate UNCONTROLLED C adjusted in-stack RTAP concentration (µg/m³)

NO

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A “Unobstructed” means the exhaust stack extends at least 2 feet higher than any roofline within 10 feet of the exhaust stack exit, measured horizontally. (Env-A 105.42)

B ACTUAL emissions are calculated on an uncontrolled basis.

C “UNCONTROLLED” means any emission of a RTAP from a device or process at a stationary source that is not subject to treatment or removal by pollution control equipment prior to being emitted to the ambient air, or is emitted to the ambient air in amounts which have not been limited by conditions in an enforceable permit or document.

D If compliance cannot be demonstrated using this method, the Facility may submit a request for approval of an alternative method as specified in Env-A 1404.06.

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