

# INDUSTRIAL PROCESS COOLING TOWER

## **Standard Applicability**

### **Affected Sources**

- The industrial process cooling tower MACT applies to affected sources that are major sources of HAP and to affected sources that are located at major sources of HAP
- The industrial process cooling tower MACT applies to the following affected sources:
  - For the purposes of this standard, an affected source is an Industrial Source Cooling Tower (Tower) in which chromium-based water treatment chemicals were in use on September 8, 1994 and which are major sources or are integral parts of major sources. If the water being cooled by the Tower is used for an industrial process, the Tower is considered an integral part of the major source and is regulated.

### **Regulated Activities**

- The activities subject to the industrial process cooling tower MACT are limited to:
  - The use of chromium-based water treatment chemicals in cooling towers, used for industrial processes

### **Exemptions**

- The industrial process cooling tower MACT does not apply to the following:
  - Cooling towers used for heating, ventilation, and air conditioning (HVAC) only. Chrome emissions from HVAC systems are covered under section 6 of the Toxic Substances Control Act.

## **Permitting Requirements**

- Affected sources that are major sources or that are located at major sources of HAP must apply for an operating permit.
  - Area sources are exempt from the Class I permitting requirements.

## **Compliance Dates**

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| • Initial Notification Report | September 8, 1995 for existing sources.<br>No later than 12 months after initial start-up for new sources. |
| • Compliance deadline         | March 8, 1996 for existing sources.<br>September 8, 1994 or upon start-up for new sources.                 |
| • Compliance Status Report    | Within 60 days of the date of compliance, but, no later than March 8, 1996                                 |