TODAY’S GOAL

• BLIERs Introduction

• Alberta’s BLIERs Policy

• Provincial Policy Application
BASE-LEVEL INDUSTRIAL EMISSIONS REQUIREMENTS (BLIERs)
AIR QUALITY MANAGEMENT SYSTEM (AQMS)

• Sets consistent, national standards for
  – ambient air quality
  – industrial emission

• Goal to improve air quality, human health and environment

• Collaborative effort
AQMS COMPONENTS

• Composed of three elements:
  – Canadian Ambient Air Quality Standards (CAAQS)
  – Air Zones
  – Base-Level Industrial Emissions Requirements (BLIERs)
WHAT IS A BLIER

• BLIERs are Base-Level Industrial Emissions Requirements

• Quantitative or qualitative source-performance standards for:
  – an individual source or piece of equipment,
  – a facility,
  – a specific process or a fuel type, or
  – any combination of the preceding.
BLIERS CATEGORIES

- Cross Cutting BLIERs
  - Non-Utility Boilers and Heaters
  - Stationary Engines
  - Fugitive Emissions (VOCs)

- Sector Specific BLIERs
  - Cement
  - Chemical (6 Subgroups)
  - Electricity
  - Fertilizer
  - Oilsands
  - Pipelines
  - Pulp and Paper
  - Refineries
  - Upstream Oil and Gas
  - Lime**
  - Wood**
• BLIERs are minimum national standards

• Apply to new and existing plants/facilities

• All jurisdictions maintain the ability to utilize more stringent requirements than the BLIERs
ALBERTA’S BLIERS POLICY
BLIERS IN ALBERTA

- BLIERS are not only criteria considered in Alberta

- Consideration for provincial
  - Regulations
  - Standards
  - Policies
  - Management frameworks
Air Management System Components

- Ambient air quality objectives
- Environmental assessment process
- Approvals
- Enforcement
- Inspections and abatement
- Research
- Emission inventories
- Environmental reporting
- Source emissions monitoring
- Ambient air monitoring
- Product standards
- Source emission standards

CLEAN AIR
ALBERTA’S BLIERS POLICY DEVELOPMENT

• Province can utilize more stringent requirements than BLIERS

• Situations where more stringent requirements appropriate

• Policy provides clarity on how BLIERs applied within Alberta
POLICY APPLICATION
BLIERS POLICY SCENARIOS

• Three BLIERS scenarios are identified in the policy
  – more stringent
  – equivalent
  – less stringent

• More stringent requirement applies