

ACOUSTIC ASSESSMENT & NOISE ABATEMENT ACTION PLAN FOR ST. MARYS CEMENT



What we'll talk about today:

Legislation

Acoustic Assessment

Noise Abatement Action Plan for St. Marys Cement

Important legislative documents:

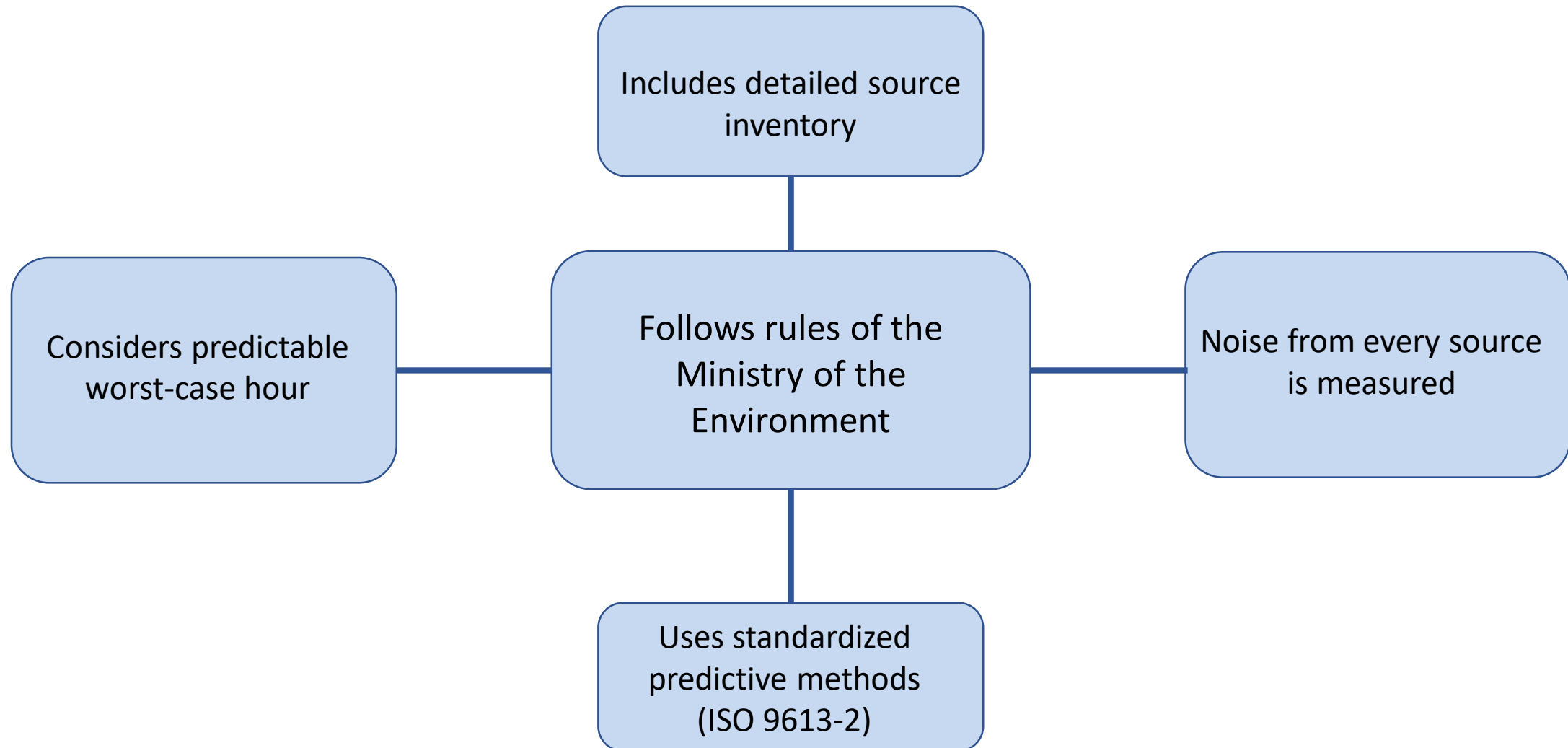
- Environmental Protection Act – Section 9
- Environmental Compliance Approval
- Noise Guideline NPC-300

Bottom line: Every facility needs an Acoustic Assessment Report (AAR) to demonstrate that it meets Provincial noise limits

Timeline of Actions

- **2011 – Retained HGC Engineering**
- **2011 – Noise measurements conducted**
- **2012 – Acoustic Assessment Report completed – submitted to the Ministry of the Environment**
- **2015 – Updated Acoustic Assessment Report and application**
- **2017 – Environmental Compliance Approval issued by the Ministry**
- **2017 to present – implementation of Noise Abatement Action Plan**

Acoustic Assessment Report (AAR)



Noise Abatement Action Plan

Stage	Timeline	Action Item
Stage 1	2 years	Redesign of Secondary Crusher Building Dryer plant silencer
Stage 2	4 years	Acoustic silencer for Main Kiln Stack Acoustic silencers for six baghouse exhausts
Stage 3	6 years	Acoustic silencers for 17 baghouse exhausts Acoustic enclosures for two pressure blowers and kiln motor Installation of several dedicated blowers for unloading cement trucks
Stage 4	8 years	Acoustic silencers for 23 kiln shell cooling fans
Stage 5	10 years	Replacement Clinker Cooler Fans Four acoustic silencers and three enclosures – miscellaneous

Please ask any questions