PEGASUS ROOM THE INTERNATIONAL CENTRE 6900 Airport Rd, Mississauga, ON L4V 1E8

(DOD) SP OPERATION SEMINAR(SOF **APRIL 11, 2024**







$OAPC - 6^{TH}$ ENVIRONMENT PRACTICES GUIDE (EPG - Overview & Unveiling)

GUIDE Ontario Asphalt Pavement Council

Executive Vice President, Materials Engineering, Green Infrastructure Partners (GIP) Inc.,

OAPC Chair

Steven Manolis,

PURPOSE OF THE GUIDE?

It is intended to assist plant operators in operating and maintaining their facilities in a manner that minimizes potential environmental impact.



It attempts to outline a "best available practices" approach to environmental management <u>but does not claim to be all-</u> <u>inclusive or to cover all possible options</u>

USERS ARE ADVISED TO SEEK MANUFACTURER AND/OR CONSULTANT ADVICE WHERE MORE EXTENSIVE PROCESS AND EQUIPMENT CONTROLS ARE NECESSARY.









$OAPC - 6^{TH} EPG$

WHAT IS INCLUDED IN THE EPG?



The Guide includes sections on sources of air emissions, waste and water; best practices to control and minimize air emissions, waste and water; and documentation requirements to demonstrate that the best practices are in place and are being utilized.

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HOW CAN THE GUIDE BE USED?

The Guide may be used as a reference for dealing with specific concerns or complaints, and to promote ongoing environmental responsibility.



It is the individual producer's responsibility to operate their plant(s) in compliance with Ministry of the Environment, Conservation and Parks (MECP) Environmental Compliance Approvals and applicable Regulations.

THE EPG DOES NOT APPLY TO PLANTS OPERATING UNDER THE REQUIREMENTS OF THE MECP "ASPHALT MIX INDUSTRY (TECHNICAL) STANDARD".





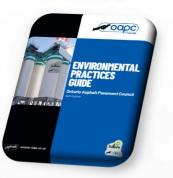


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ENVIRONMENTAL

THE GUIDE OVERVIEW

Section One – Introduces the guide, and latest revisions.



Section Two – summarizes the primary environmental regulatory requirements.

Section Three – Details the primary emissions associated with hot mix asphalt plants are air emissions including particulates (dust), combustion gases, organic compounds and odour, as well as noise.

Section Four – outlines suggested maintenance and operational procedures to manage plant emissions and releases, which may also improve production efficiency and product quality.





THE GUIDE OVERVIEW

Section Five – Focuses on records keeping and compliant response.



Section Six – Recommends that each plant have a site-specific Dust Management Plan and Spills Contingency Plan even if they are not required as a condition of an ECA.

Section Seven – Highlights other important asphalt plant operations and management resources, sample plant flow diagrams, sample forms for weather records, guidance for developing plant specific checklists, and a sample compliant response form.







IMPORTANT REVISIONS TO THE GUIDE

Updated guidance for asphalt cement (AC) pumping and storage temperatures, and recommended HMA mixing temperatures – *See Section 4.1.3.3*

ENVIRONMENTAL PRACTICES UNDERSTANDE UNDERSTA	HMA Mixing Temp. (°C)		AC Storage and Pumping Temp. (°C)	
	Minimum	Maximum	Minimum	Maximum
	135	170	130	170

THE LOWER THE ASPHALT CEMENT TEMPERATURE, THE LOWER THE EMISSIONS. CHECK WITH AC SUPPLIER FOR GUIDANCE ON SPECIFIC GRADES



IMPORTANT REVISIONS TO THE GUIDE



Guidance for developing plant specific inspection checklists has been enhanced. – See Section Four and Appendices C & D

CHECKLIST SECTION 4 REFERENC Roads and Working Areas 4.1.1.1	E
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TWO VERSIONS OF THE CHECKLIST ARE NOW PROVIDED TO ENABLE USERS TO USE THE VERSION OF THE CHECKLIST WHICH BEST SUITS THEIR REQUIREMENTS: A NEW ONE SORTED BY INSPECTION FREQUENCY, AND THE PREVIOUS VERSION SORTED BY PLANT AREA.







THE GUIDE AND OAPC - TRILLIUM PROGRAM



Compliance with the OAPC – EPG provides up to 15 points per the specific requirements in "Environmental" Section 3 of the Trillium Award application.

The benefits derived from improved plant operations, efficiencies, and environmental management is <u>overarching</u> across all sections of the Trillium Award Program, with additional points up for grabs.

Elevate Your Plants

Status



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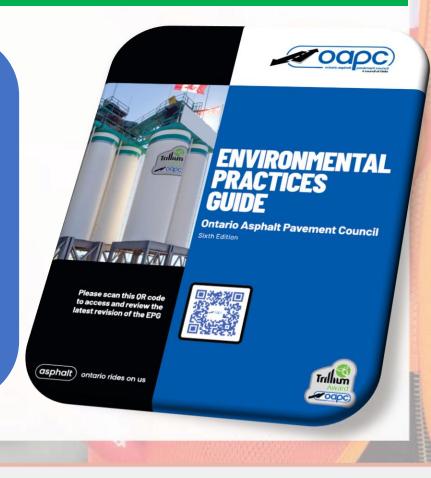


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OFFICIAL UNVEILING OF THE GUIDE

Please visit the ONAsphalt Website to download your reference copy of the OAPC – 6th Environment Practices Guide (EPG).

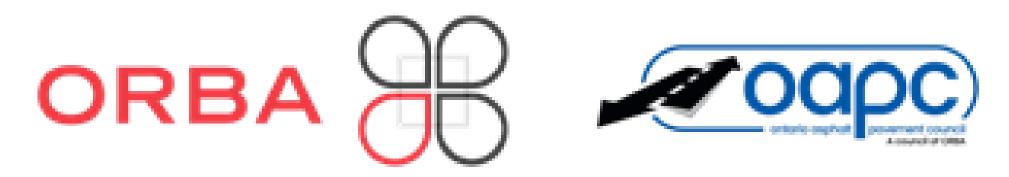
You may also access the guide by scanning the QR Code provided.











Thank-you to the OAPC

Environment, and Plant and Paving Operations Committees for their efforts in updating the 6th Ed of the EPG

For any inquiries about OAPC, please e-mail: info@onasphalt.org

Visit our refreshed website to learn more: www.onasphalt.org

THANKYOU





