

NSUPA ***NOVA SCOTIA ASPHALT USER PRODUCER ASSOCIATION***



**Introduction to Asphalt Technology
Workshop**
February 26-27, 2020
NSCC – Ivany Campus

Introduction to Asphalt Technology Workshop Schedule

Wednesday February 26, 2020		Thursday February 27, 2020	
8:30	Welcome & Introduction Ed Surette (HRM) Graham Clark (NSUPA President) <ul style="list-style-type: none"> • Introductions • Review course outline/schedule • Safety • About the NSUPA 	8:30	Asphaltic Concrete Peter Salah (EnGlobe Corp.) <ul style="list-style-type: none"> • Asphalt Mix Types • Mix Design Methods
9:00	The Paving Industry Lewis O'Toole <ul style="list-style-type: none"> • History • Fundamentals of a Good Road • Asphalt Pavement Distress Types & Causes • Current Rehabilitation Methods 	9:30	Plant Operation Pat Rooney (Municipal Group of Companies) <ul style="list-style-type: none"> • Plant Types • Cold Feed • Drying and Mixing • Loading • Troubleshooting
10:00	Break (10:00 – 10:30)	10:30	Break (10:30 – 11:00)
10:30	Materials Used in Construction Lewis O'Toole <ul style="list-style-type: none"> • Asphalt Binder Properties • Aggregate Quality 	11:00	The Paving Process (Part 1) Jesse Henwood (Miller Group) <ul style="list-style-type: none"> • Paving Equipment • Pre-paving Considerations • Material Delivery • Laydown/Compaction Process • Quality/Troubleshooting
12:00	Lunch (12:00 – 12:30)	12:00	Lunch (12:00 – 12:30)
12:30	Aggregate Production Scott King (Rocky Lake Quarry) <ul style="list-style-type: none"> • Types of Crushers • Pre-blast Survey • Aggregate Feed • Stockpiling • Troubleshooting 	12:30	The Paving Process (Part 2) <ul style="list-style-type: none"> • ...continued Pavement Quality Measurement (Part 1) Eric Theriault (Stantec) <ul style="list-style-type: none"> • Site Inspection • Sampling Methodologies • Lab Analysis • Data Interpretation • Specifications & Payment
1:45	Break (1:45 – 2:15)	2:30	Break (2:30 – 3:00)
2:15	Laboratory Demonstrations <ul style="list-style-type: none"> • Nuclear Densometer • Asphalt Core • HMA Binder Content • Asphalt Properties 		Pavement Quality Measurement (Part 2) Eric Theriault (Stantec) <ul style="list-style-type: none"> • ...continued