

2025 Check List for Use of Liquid Anti-Stripping (LAS) Asphalt Additives On NS Department of Public Works Paving Projects

(Note that all provisions on this check list must be in place before paving may commence.)

NSDPW Project Engineer _____ **Contract No.** _____ **Section No.** _____

Contractor _____

For all Liquid Anti-Stripping Projects

1. Asphalt cement supplier _____
2. Hot or warm mix Liquid Anti-Stripping (LAS) additive _____ Dosage rate _____
3. Is a current Safety Data Sheet for the asphalt cement containing the anti-stripping additive available on site? Yes _____ No _____
4. Has the Contractor held LAS Information or Refresher Sessions with its workers regarding the NSDPW 2025 LAS Action Plan and proper procedures? Yes _____ No _____
5. Has the Contractor checked to ensure that the liquid asphalt carrier's personnel and the hot/warm mix truckers have attended LAS Information Sessions? Yes _____ No _____
6. Has the Department provided LAS Information Sessions to its personnel and to consultants who will be working with material containing the LAS additive? Yes _____ No _____
7. If "No" to question 4, 5, or 6, what plans for LAS Information Sessions are in place? _____

For Projects Using an Amine-Based LAS Additive (not allowed on RIM Projects)

8. Do the Contractor's pavers have an engineered exhaust ventilation system to capture vapours from the hot/warm mix? Yes _____ No _____
9. Does the Contractor have full-face respiratory protective equipment (RPE) available on site for mandatory wearing if employees will be exposed to concentrated asphalt cement/liquid anti-stripping agent vapours (e.g.: dipping hot asphalt tanks)? Yes _____ No _____
10. Does the Contractor have half-face RPE available on site for use by employees who experience mouth and upper respiratory tract irritation from the LAS additive? Yes _____ No _____
11. Has the Contractor been informed that it must provide Powered Air Purifying Respirators to any employee who needs to wear RPE for extended time periods? Yes _____ No _____
12. Has the Contractor arranged for a qualitative or quantitative fit test for any employee who must wear RPE (items 9, 10 and 11)? Yes _____ No _____
13. Has the Contractor informed its employees that anyone may voluntarily wear RPE to avoid contact with vapours of the anti-stripping agent or objectionable odours? Yes _____ No _____
14. Does the Contractor have on site a supply of replacement organic vapour cartridges and dust pre-filters for the RPE on site (items 9, 10, 11 and 13)? Yes _____ No _____
15. Does the Department have on site RPE for use by their personnel and consultants? Yes _____ No _____
16. Is the Contractor aware that it must relocate employees who are adversely affected by LAS fumes and cannot be adequately protected by wearing RPE? Yes _____ No _____
17. Is the Contractor aware that special precautions will be required in damp conditions and that paving will not be permitted in wet conditions? Yes _____ No _____
18. Name of Contractor's On-Site Representative who is authorized to make decisions regarding any health or safety issues which may arise during the paving project. _____
19. Name of Department's On-Site Representative who is authorized to make decisions regarding any health or safety issues which may arise during the paving project. _____

Any other comments: _____

NSDPW Project Engineer _____ Date _____ Contractor _____

*One copy to be kept with contract records and one copy to be forwarded to:
Adam Marlin, P.Eng., Pavement Management Engineer, Highway Construction Services
NSDPW, 107 Perrin Dr., Fall River, NS B2T 1J6*