

# Pavements

Asphalt  
Emulsified

List # 3.05.30

Page 1 of 8

Date: 03-Aug-2010

SPECIFICATIONS: OPSS 1103, OPSS 305, Manufacturer's Standards, OPSS 302, OPSS 304, OPSS 333, SP 111S07 (Discontinued), SP 302S02, SP 304F02 (Discontinued, Replaced by SP 304F04), SP 305F01, OPSS.PROV 308, SP 308F01 (Replaces OPSS.PROV 308, April 2007 for MTO Contracts)

DRAWINGS: OPSD 0210.0700

CUSTODIAL OFFICE : MERO - Bituminous - (416) 235-3715

Bidders Tendering Queries call (905) 704-2203

NOTES:

Classes, types and grades of emulsified asphalt are shown in Tables I (Anionic), II (Cationic), of OPSS 1103 and Tables III (High Float), VIII (Polymer-modified) of SP 111S07.

| Company  | Supply Points | Grades    | Product Description   | Use                     |
|--|---------------|-----------|---|-------------------------|
| <b>Coco Asphalt Engineering, A Division of Coco Paving Inc.</b><br>949 Wilson Avenue<br>Toronto ON M3K 1G2<br>Canada<br>Tel: 416-633-9670<br>Fax: 416-633-5318<br>Web: www.cocogroup.com | Clarkson      | RS1       | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating            |
|  | Millhaven     | HF150MP   | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Cold in-place recycling |
|  | Clarkson      | HFMS2(ON) | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Clarkson      | RS2       | Rapid Setting, Anionic Emulsified Asphalt                               | Surface treatment       |
|  | Clarkson      | SS1       | Slow Setting, Anionic Emulsified Asphalt                                | Tack coating            |
|  | Clarkson      | CRS2      | Rapid Setting, Cationic Emulsified Asphalt                              | Surface treatment       |
|  | Clarkson      | HF100S    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Clarkson      | HF150S    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Millhaven     | HF150S    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Clarkson      | HF150SP   | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Surface treatment       |
|  | Millhaven     | HF150SP   | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Surface treatment       |
| <b>Henry Company Canada Inc.</b><br>10 St. Pierre Ave.,<br>Lachine QC H8R 1N7<br>Canada<br>Tel: 514-364-5224<br>Fax: 514-364-7270<br>Other: 800-361-4599<br>Web: www.bakor.com           | Montreal      | RS1       | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating            |
|  | Montreal      | SS1       | Slow Setting, Anionic Emulsified Asphalt                                | Tack coating            |

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List # 3.05.30

Page 2 of 8

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| Company   | Supply Points | Grades | Product Description   | Use                         |
|---|---------------|--------|---|-----------------------------|
| <b>McAsphalt Industries Ltd.</b><br>8800 Sheppard Avenue East<br>Toronto ON M1B 5R4<br>Tel: 416-281-8181<br>Fax: 416-281-8842<br>Toll Free: 800-268-4238<br>Email: info@mcasphalt.com<br>Web: www.mcasphalt.com | North Bay     | EAP    | Emulsified Asphalt Primer                                   | Priming or Granular sealing |
|   | Ottawa        | CRS2P  | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt | Surface treatment           |
|   | Port Stanley  | RS1    | Rapid Setting, Anionic Emulsified Asphalt                   | Tack coating                |
|   | Port Stanley  | RS2    | Rapid Setting, Anionic Emulsified Asphalt                   | Surface treatment           |
|   | Port Stanley  | CRS2   | Rapid Setting, Cationic Emulsified Asphalt                  | Surface treatment           |
|   | Port Stanley  | HF150S | Medium Setting, High Float, Anionic Emulsified Asphalt      | Surface treatment           |
|   | Port Stanley  | CRS2P  | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt | Surface treatment           |
|   | Thunder Bay   | EAP    | Emulsified Asphalt Primer                                   | Priming or Granular sealing |
|   | Thunder Bay   | RS1    | Rapid Setting, Anionic Emulsified Asphalt                   | Tack coating                |
|   | Thunder Bay   | RS2    | Rapid Setting, Anionic Emulsified Asphalt                   | Surface treatment           |
|   | Thunder Bay   | SS1    | Slow Setting, Anionic Emulsified Asphalt                    | Tack coating                |
|   | North Bay     | CRS2   | Rapid Setting, Cationic Emulsified Asphalt                  | Surface treatment           |
|   | Thunder Bay   | HF150S | Medium Setting, High Float, Anionic Emulsified Asphalt      | Surface treatment           |
|   | Thunder Bay   | HF250S | Medium Setting, High Float, Anionic Emulsified Asphalt      | Surface treatment           |
|   | West Hill     | EAP    | Emulsified Asphalt Primer                                   | Priming or Granular Sealing |

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List # 3.05.30

Page 3 of 8

Date: 03-Aug-2010

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| Company   | Supply Points | Grades   | Product Description   | Use                         |
|---|---------------|--|---|-----------------------------|
| <b>McAsphalt Industries Ltd.</b><br>8800 Sheppard Avenue East<br>Toronto ON M1B 5R4<br>Tel: 416-281-8181<br>Fax: 416-281-8842<br>Toll Free: 800-268-4238<br>Email: info@mcasphalt.com<br>Web: www.mcasphalt.com | West Hill     | RS1  | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating                |
|   | West Hill     | RS2  | Rapid Setting, Anionic Emulsified Asphalt                               | Surface treatment           |
|   | West Hill     | SS1  | Slow Setting, Anionic Emulsified Asphalt                                | Tack coating                |
|   | West Hill     | CRS2   | Rapid Setting, Cationic Emulsified Asphalt                              | Surface treatment           |
|   | West Hill     | HF100S   | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | West Hill     | HF150S   | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | West Hill     | HF250S   | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | North Bay     | CRS2P  | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt             | Surface treatment           |
|   | West Hill     | CRS2P  | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt             | Surface treatment           |
|   | West Hill     | HF150SP  | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Surface treatment           |
|   | Leaside       | EAP  | Emulsified Asphalt Primer   | Priming or Granular sealing |
|   | Leaside       | RS2  | Rapid Setting, Anionic Emulsified Asphalt                               | Surface treatment           |
|   | Leaside       | SS1  | Slow Setting, Anionic Emulsified Asphalt                                | Tack coating                |
|   | Leaside       | CRS2   | Rapid Setting, Cationic Emulsified Asphalt                              | Surface treatment           |
| Leaside   | HF150S        | Medium Setting, High Float, Anionic Emulsified Asphalt | Surface treatment   |                             |

# Pavements

Asphalt  
Emulsified

List # 3.05.30

Page 4 of 8

Date: 03-Aug-2010

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| Company   | Supply Points | Grades                    | Product Description   | Use                         |
|---|---------------|---------------------------|---|-----------------------------|
| <b>McAsphalt Industries Ltd.</b><br>8800 Sheppard Avenue East<br>Toronto ON M1B 5R4<br>Tel: 416-281-8181<br>Fax: 416-281-8842<br>Toll Free: 800-268-4238<br>Email: info@mcasphalt.com<br>Web: www.mcasphalt.com | Leaside       | HF250S                    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Leaside       | CRS2P                     | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt             | Surface treatment           |
|   | Leaside       | HF150SP                   | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Surface treatment           |
|   | North Bay     | HF150S                    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Leaside       | RS2P                      | Rapid Setting, Polymer-Modified Emulsified Asphalt                      | Surface treatment           |
|   | Winnipeg, MA  | EAP                       | Emulsified Asphalt Primer   | Priming or Granular sealing |
|   | Winnipeg, MA  | RS1                       | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating                |
|   | Winnipeg, MA  | RS2                       | Rapid Setting, Anionic Emulsified Asphalt                               | Surface treatment           |
|   | Winnipeg, MA  | SS1                       | Slow Setting, Anionic Emulsified Asphalt                                | Tack coating                |
|   | Winnipeg, MA  | HF150S                    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Winnipeg, MA  | HF250S                    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Winnipeg, MA  | HF150M                    | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Cold-in-place recycling     |
|   | Leaside       | HFMS2(ON)                 | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Leaside       | RS1                       | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating                |
| Ottawa  | EAP           | Emulsified Asphalt Primer | Priming or Granular sealing   |                             |

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Asphalt  
Emulsified

List # 3.05.30

Page 5 of 8

Date: 03-Aug-2010

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| Company  | Supply Points                    | Grades   | Product Description   | Use                     |
|--|----------------------------------|----------|---|-------------------------|
| McAsphalt Industries Ltd.<br>8800 Sheppard Avenue East<br>Toronto ON M1B 5R4<br>Tel: 416-281-8181<br>Fax: 416-281-8842<br>Toll Free: 800-268-4238<br>Email: info@mcasphalt.com<br>Web: www.mcasphalt.com | Thunder Bay                      | HF150MP  | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Cold in-place recycling |
|  | Thunder Bay, West Hill, Winnipeg | HF-1000M | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Cold Patching Mix       |
|  | West Hill                        | HF150MP  | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Cold in-place recycling |
|  | Ottawa                           | RS1      | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating            |
|  | Ottawa                           | CRS2     | Rapid Setting, Cationic Emulsified Asphalt                              | Surface treatment       |
|  | Ottawa                           | HF150S   | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Ottawa                           | HF250S   | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |

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Asphalt  
Emulsified

List # 3.05.30

Page 6 of 8

Date: 03-Aug-2010

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| Company  | Supply Points | Grades | Product Description   | Use                         |
|--|---------------|--------|---|-----------------------------|
| <b>Norjohn Limited - Asphalt Emulsion Manufacturing</b><br>4365 Corporate Dr<br>Burlington ON L7L 5P7<br>Canada<br>Tel: 905-336-1216<br>Fax: 905-336-1403<br>Email: info@walkerind.com<br>Web: www.walkerind.com | Burlington    | EAP    | Emulsified Asphalt Primer                                   | Priming or Granular sealing |
|  | Burlington    | CRS2P  | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt | Surface treatment           |
|  | Burlington    | RS1    | Rapid Setting, Anionic Emulsified Asphalt                   | Tack coating                |
|  | Burlington    | RS2    | Rapid Setting, Anionic Emulsified Asphalt                   | Surface treatment           |
|  | Burlington    | SS1    | Slow Setting, Anionic Emulsified Asphalt                    | Tack coating                |
|  | Burlington    | CRS2   | Rapid Setting, Cationic Emulsified Asphalt                  | Surface treatment           |
|  | Burlington    | HFRS2  | Rapid Setting, High Float, Anionic Emulsified Asphalt       | Surface treatment           |
|  | Burlington    | HF100S | Medium Setting, High Float, Anionic Emulsified Asphalt      | Surface treatment           |
|  | Burlington    | HF150S | Medium Setting, High Float, Anionic Emulsified Asphalt      | Surface treatment           |
|  | Burlington    | HF250S | Medium Setting, High Float, Anionic Emulsified Asphalt      | Surface treatment           |

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Asphalt  
Emulsified

List # 3.05.30

Page 7 of 8

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| Company   | Supply Points     | Grades  | Product Description   | Use                         |
|---|-------------------|---------|---|-----------------------------|
| <b>Pounder Emulsions</b><br>806-50th Street East<br>Saskatoon SK S7K 0X6<br>Canada<br>Tel: 306-934-1500<br>Fax: 306-934-2052                                  | Winnipeg, MA      | EAP     | Emulsified Asphalt Primer   | Priming or Granular sealing |
|   | Winnipeg, MA      | RS1     | Rapid Setting, Anionic Emulsified Asphalt                               | Tack Coating                |
|   | Winnipeg, MA      | SS1     | Slow Setting, Anionic Emulsified Asphalt                                | Tack Coating                |
|   | Winnipeg, MA      | HF100S  | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Winnipeg, MA      | HF150S  | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | Winnipeg, MA      | HF250S  | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
| <b>Sintra Inc, Granby</b><br>101 Sintra Rd<br>St-Alphonse de Granby QC J0E 2A0<br>Canada<br>Tel: 450-375-4471<br>Fax: 450-378-8381<br>Toll free: 800-707-7832 | St. Hyacinthe, PQ | RS1     | Rapid Setting, Anionic Emulsified Asphalt                               | Tack coating                |
|   | St. Hyacinthe, PQ | RS2     | Rapid Setting, Anionic Emulsified Asphalt                               | Surface treatment           |
|   | St. Hyacinthe, PQ | SS1     | Slow Setting, Anionic Emulsified Asphalt                                | Tack coating                |
|   | St. Hyacinthe, PQ | CRS2    | Rapid Setting, Cationic Emulsified Asphalt                              | Surface treatment           |
|   | St. Hyacinthe, PQ | HF150S  | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment           |
|   | St. Hyacinthe, PQ | CRS2P   | Rapid Setting, Cationic Polymer-Modified Emulsified Asphalt             | Surface treatment           |
|   | St. Hyacinthe, PQ | HF150SP | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Surface treatment           |

**Pavements****Asphalt****Emulsified****List # 3.05.30**

Page 8 of 8

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| <b>Company</b>   | <b>Supply Points</b> | <b>Grades</b> | <b>Product Description</b>  | <b>Use</b>              |
|--|----------------------|---------------|---|-------------------------|
| <b>T.J. Pounder Ontario Ltd.</b><br>106 Orenda Road<br>Brampton ON L6W 3W6<br>Canada<br>Tel: 905-459-4331<br>Fax: 905-459-4343 | Brampton             | RS1           | Rapid Setting, Anionic Emulsified Asphalt                               | Tack Coating            |
|  | Brampton             | HFRS2         | Rapid Setting, High Float, Anionic Emulsified Asphalt                   | Surface Treatment       |
|  | Brampton             | HF1000M       | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Cold Patching Mix       |
|  | Brampton             | RS2           | Rapid Setting, Anionic Emulsified Asphalt                               | Surface treatment       |
|  | Brampton             | SS1           | Slow Setting, Anionic Emulsified Asphalt                                | Tack Coating            |
|  | Brampton             | CRS2          | Rapid Setting, Cationic Emulsified Asphalt                              | Surface treatment       |
|  | Brampton             | HF100S        | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Brampton             | HF150S        | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Brampton             | HF250S        | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Surface treatment       |
|  | Brampton             | HF150SP       | Medium Setting, High Float, Anionic Polymer-Modified Emulsified Asphalt | Surface treatment       |
|  | Brampton             | HF150M        | Medium Setting, High Float, Anionic Emulsified Asphalt                  | Cold-in-Place Recycling |