**Proforma for Recording Designs**

**Design of road surface dressings to Road Note 39 (Seventh Edition)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Road number: |  |  | Region/Area: |  |
| Section location: |  |
| Length: |  m | Width: |  m | No. of lanes: |  | Area: |  m2 |
|  |
| Lane(s) |   |  | Medium/Heavy Traffic: |  cv/l/d |  | NRSWA road type: |  |
| Traffic Speed: \* |  mph |  |
| Traffic category: \* | *A* | *B* | *C*  | *D* | *E* | *F* | *G* | *H* |
|  |
| Location: \* | South | Central | North | Temperature Category: \* | *A* | *B* | *C* | *D* |
|  |
| Road Hardness (RH) probe depth: |  mm | at |  °C | Min. PSV: |  | Max. AAV: |  |
| RH Category:\* | Very Hard | Hard | Normal | Soft | Very Soft | Variable |
|  |
| Surface condition: \* | Very binder rich | Binder rich | Normal | Texture in wheel tracks | Binder lean/porous |
|  |
| Radius of curvature: \* | Under 100 m | 100 – 250 m | over 250 m |  | Expected Month on Site: |
|  |  |
| Junction or crossing: \* | Approach | Non-approach |  |
|  |
| Overall gradient: \* | up to 5 % | 5 – 10 % | Over 10 % |  | Uphill | Downhill |
|  |
|  |
| Type of surface dressing: \* | Single | Racked-In | Double | Inverted Double | Sandwich |  |
|  |
| Chipping size: \* | 8/14 mm | 6.3/10 mm | 2.8/6.3 mm | Other: |
|  | 8/14 & 2.8/6.3 mm | 6.3/10 & 2.8/6.3 mm | 6.3/10 & 4/2 mm |  |
|  |
| Aggregate type: \* | Crushed rock | Blast-furnace ~~slag~~ | Steel slag | Gravel |
| Flakiness index: \* | Less than 10 % | 10 % to 15 % | 15 % to 20 % | More than 20 % |
| Bituminous emulsion binder: | Unmodified | Intermediate | Premium Grade | Super-Premium |
|  |
| Seasonal risk category: | High | Significant | Low |
|  |
| Binder spread rate: | First layer |  L/m² | Second layer \* | L/m² |
|  |
|  |
| Location | Season | Aggregate type | Flakiness | Increase of chipping size | Shade | Surface condition | Gradient | Traffic Speed | Untrafficked area | Sum of factors | Rate of spread of binder |
| First Layer |  |  |  |  |  |  |  |  |  |  |  L/m² |
|  |  |  |  |  |  |  | L/m² |
|  |  |  |  |  |  |  |  L/m² |
|  |  |  |  |  |  |  |  L/m² |
|  |
|  |
| Designer: |  |  | Initials: |  |  | Date: |  / /  |

\* Highlight or delete as appropriate. Shaded box indicates data that a Client should provide when seeking tenders

**Proforma for Record of Construction Data**

**Design of road surface dressings to Road Note 39 (Seventh Edition)**

|  |  |  |  |
| --- | --- | --- | --- |
| Road Number: |  | Location: |  |
|  |
| Date of Construction: | / / | Time Start: |  | Time Finish: |  |
|  |
| Weather: \* | Sunny | Cloudy | Showers | Drizzle | Air Temp: | ºC | Humidity: | % |
|  |
| Road Condition: \* | Dry | Damp | Road Temp.: | ºC |
| **Chippings** |
| Supplier: |  | Quarry: |  | Depot: |  |
|  |
| 1st Layer | Size: |  | PSV: |  | AAV: |  | Flakiness: |  |
|  |
|  | Condition: \* | Dry | Damp | Sample Ref. No.: |  |
|  |
|  | Tonnage: | T | Area: | m² | Ave. rate of spread: | kg/m² |
|  |
| Spot check (box) results: | kg/m² | kg/m² | kg/m² | kg/m² | kg/m² |
|  |
| 2nd Layer | Size: |  | PSV: |  | AAV: |  | Flakiness: |  |
|  |
|  | Condition: \* | Dry | Damp | Sample Ref. No.: |  |
|  |
|  | Tonnage: | T | Area: | m² | Ave. rate of spread: | kg/m² |
|  |
| Spot check (box) results: | kg/m² | kg/m² | kg/m² | kg/m² | kg/m² |
| **Binder** |
| Supplier: |  | Type of binder: |  | Sample Ref. No.: |  |
|  |
| 1st Layer | Quantity used: | L | Area: | m² | Ave. rate of spread: | L/m² |
|  |
| Spot check (carpet tile) results: | L/m² | L/m² | L/m² | L/m² | L/m² |
|  |
| 2nd Layer | Quantity used: | L | Area: | m² | Ave. rate of spread: | L/m² |
|  |
| Spot check (carpet tile) results: | L/m² | L/m² | L/m² | L/m² | L/m² |
| **Plant** |
| Sprayer Reg. No.: |  | Sprayer type: |  | Cone test: \* | Yes | No |
|  |
| Spray bar height: | mm | Pressure: | bar/psi | Temp.: | ºC |
|  |
| Gritter type: \* | Tailgate | Self-propelled | Expanding |  |
|  |
| Roller type: \* | Pneumatic | Steel (vibrate) | Steel (static) | Other (specify): |  |
|  |
| Sweeper type: \* | Suction | Brush | Before: \* | Yes | No | After: \* | Yes | No |
| How soon: | h |
|  |
| Traffic control: \* | Speed control vehicle | Stop/Go boards | Traffic lights |
| **Signing** Attach sketches for signing during and after |
| During: |  |
| After: |  |
| How long were the signs left in place after surface dressing: |  |
| **Aftercare** |
| Weather after surface dressing: |  | Overnight temp.: | ºC |
|  |
| Traffic control following surface dressing: | Yes | No | Time maintained: | h |
| **Inspections** |
| Date | Texture | Comments |
| / / | mm |  |
| / / | mm |  |
| / / | mm |  |
| / / | mm |  |
|  |
| Signature: |  | Name: |  | Date: |  / /  |

\* Delete as appropriate