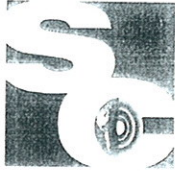


Please seen to M3  
 Southern Cement logbook for week commencing 24.01.11  
 EP/00000047.



LOG No. SC000052

# SOUTHERN CEMENT PLANT INSPECTION, MA

| FORKLIFT TRUCKS                        |  |   |   |   |   |   |   |   |
|--|--|---|---|---|---|---|---|---|
| DAILY/WEEKLY CHECKLIST * / √ + INITIAL |  |   |   |   |   |   |   |   |
| ITEM                                   | MACHINE NO.....                        | M | T | W | T | F | S | S |
| 1                                      | OIL/COOLANT LEVELS                     | ✓ | ✓ | ✓ | ✓ | ✓ |   |   |
| 2                                      | FLASHING LIGHT/<br>REVERSE BLEEPER     | ✓ | ✓ | ✓ | ✓ | ✓ |   |   |
| 3                                      | HYDRAULIC PIPES/<br>OIL LEVEL          | ✓ | ✓ | ✓ | ✓ | ✓ |   |   |
| 4                                      | FORKS/TYRES/<br>WATER/BRAKES           | ✓ | ✓ | ✓ | ✓ | ✓ |   |   |
| 5                                      | HORN/LIGHTS/GENERAL                    | ✓ | ✓ | ✓ | ✓ | ✓ |   |   |
| 6                                      | REPAIR/SERVICE CARRIED<br>OUT BY _____ | ✓ | ✓ | ✓ | ✓ | ✓ |   |   |

| VOLVO LOADING          |  |
|------------------------|--|
| DAILY/WEEKLY CHECKLIST |  |
| ITEM                   | MACHINE NO.....                          |
| 21                     | ENGINE<br>OIL/COOLANT LEVELS             |
| 22                     | HYDRAULIC PIPES/<br>OIL LEVEL/TRANS/GEAR |
| 23                     | TYRES/BRAKES/<br>WATER                   |
| 24                     | LIGHTS/<br>REVERSE BLEEPER               |
| 25                     | BUCKET/GREASING                          |
| 26                     | FILTERS AIR CLEAN/REPLACE                |
| 27                     | FILTERS CAB CLEAN/REPLACE                |
| 28                     | SERVICE/REPAIRS                          |

| ENVIRONMENTAL                         |  |    |   |   |   |   |   |   |
|---------------------------------------|--|----|---|---|---|---|---|---|
| DAILY/WEEKLY LOG BOOK * / √ + INITIAL |  |    |   |   |   |   |   |   |
| ITEM                                  |  |    | M | T | W | T | F | S |
| 7                                     | FILTER OBSERVATIONS<br>DAILY x2        | AM | ✓ | ✓ | ✓ | ✓ | ✓ |   |
|                                       |  | PM | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 8                                     | GENERAL OBSERVATIONS<br>DAILY x2       | AM | ✓ | ✓ | ✓ | ✓ | ✓ |   |
|                                       |  | PM | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 9                                     | FILTER INSPECTION<br>WEEKLY            |    |   | ✓ |   |   |   |   |
| 10                                    | IBAU PUMP GREASE<br>DAILY              | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 11                                    | LOADING BELLOWS IN-<br>SPECTION WEEKLY |    |   | ✓ |   |   |   |   |
| 12                                    | STONE TRAP INSPECTION<br>WEEKLY        |    |   | ✓ |   |   |   |   |
| 13                                    | SIEVE AND RUBBERS<br>WEEKLY            |    |   | ✓ |   |   |   |   |
| 14                                    | VALVES/PIPEWORK<br>WEEKLY              |    |   |   |   |   | ✓ |   |
| 15                                    | SILO PRV WEEKLY                        |    |   | ✓ |   |   |   |   |

| MONTHLY PL            |                             |
|-----------------------|-----------------------------|
| CHECKLIST/MAINTENANCE |                             |
| ITEM                  |                             |
| 29                    | COMPRESSOR INSTRUMENT       |
| 30                    | BLOWER PLANT (oil, filters) |
| 31                    | BLOWER PUMP (oil, filters)  |
| 32                    | AIR DRYER                   |
| 33                    | AIR RECIEVER AND PRV        |
| 34                    | FILTER CHECKS               |
| 35                    | FILTER BAGGING PLANT        |
| 36                    | SCREWS TO PACKER            |
| 37                    | PACKER RETURN SCREWS        |
| 38                    | PALLATIZER GENERAL MAINT    |
| 39                    | PACKER GENERAL MAINT        |
| 40                    | PLANT EMERGENCY STOPS       |
| 41                    | AIRSLIDES/BUNKER            |
| 42                    | LIGHTING                    |
| 43                    | HIGH LEVEL ALARMS           |
| 44                    | LADDERS                     |
| 45                    | EMERGENCY PLAN INSP.        |
| 46                    | MAGNEHELIC GAUGE READING    |
| 47                    |                             |
| 48                    |                             |
| 49                    |                             |
| 50                    |                             |
| 51                    |                             |

| DISCHARGE CHECKS AND LOG * / √ + INITIAL |                   |        |         |           |
|--|-------------------|--------|---------|-----------|
| ITEM                                     |                   | TIME   | DATE    | EMISSIONS |
| 16                                       | PIPE CONNECTIONS  | 1500   | 23.1.11 | ✓ sc      |
| 17                                       | PROGRAM CHECKS    | 1500   | 23.1.11 | ✓ sc      |
| 18                                       | CCTV CHECKS       | 1500   | 23.1.11 | ✓ sc      |
| 19                                       | START/FINISH TIME | 1 1530 | 23.1.11 | ✓ sc      |
|  |                   | 2 0400 | 25.1.11 | ✓ mt      |
| 20                                       | EMISSION CHECKS   | 1 2100 | 23.1.11 | ✓ mt      |
|  |                   | 2 0600 | 24.1.11 | ✓ mt      |
|  |                   | 3 1800 | 24.1.11 | ✓ ss      |
|  |                   | 4 2300 | 24.1.11 | ✓ mt      |
|  |                   | 5      |         |           |

# MAINTENANCE AND ENVIRONMENTAL LOG

W/C *SS/SS/SS*

| SHOVEL<br>IST x/√+ INITIAL |           |           |           |           |   |   |  |
|----------------------------|-----------|-----------|-----------|-----------|---|---|--|
| M                          | T         | W         | T         | F         | S | S |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |
| <i>SS</i>                  | <i>SS</i> | <i>SS</i> | <i>SS</i> | <i>SS</i> |   |   |  |

| PLANT<br>ANCE x/√+ INITIAL |                 |                |
|----------------------------|-----------------|----------------|
| TIME                       | DATE            | x/√            |
| <i>07:30</i>               | <i>25/1</i>     | <i>√SS</i>     |
| <i>08:30</i>               | <i>25/1</i>     | <i>√SS</i>     |
| <i>09:30</i>               | <i>25/1</i>     | <i>√SS</i>     |
| <i>10:30</i>               | <i>25/1</i>     | <i>√SS</i>     |
| <i>07:00</i>               | <i>24.01.11</i> | <i>SC ✓</i>    |
| <i>08:00</i>               | <i>24.01.11</i> | <i>SC ✓</i>    |
| <i>09:00</i>               | <i>24.01.11</i> | <i>SC ✓</i>    |
| <i>10:00</i>               | <i>24.01.11</i> | <i>SC ✓</i>    |
| <i>11:00</i>               | <i>24.01.11</i> | <i>SC ✓</i>    |
| <i>12:00</i>               | <i>25.01.11</i> | <i>SC TV ✓</i> |
| <i>13:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>14:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>15:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>16:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>17:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>18:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>19:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |
| <i>20:00</i>               | <i>25/1</i>     | <i>SS ✓</i>    |

| ITEM | COMMENT/<br>CORRECTIVE ACTION                            | ACTION<br>BY | DATE<br>ACTIONED |
|------|--|--------------|------------------|
| 46.  | Reading above 150mbar<br>new bags ordered.               | <i>SS</i>    | <i>25/1/11</i>   |
| 22.  | HYDRAULIC PIPE FIXED/REPLACED<br>BY PULTECH              | <i>SS</i>    | <i>24/1/11</i>   |
| 2    | Full service by lift<br>check controls on<br>mascara etc |              | <i>23/1/11</i>   |

| WEATHER CONDITIONS, WIND SPEED & DIRECTION |                  |                  |                  |                  |   |   |  |
|--|------------------|------------------|------------------|------------------|---|---|--|
| KEY: W=windy R=raining D=dry V=variable    |                  |                  |                  |                  |   |   |  |
| M  | T                | W                | T                | F                | S | S |  |
| <i>DRY</i>                                 | <i>DRY</i>       | <i>DRY</i>       | <i>DRY</i>       | <i>DRY</i>       |   |   |  |
| <i>W 10 km/h</i>                           | <i>N 10 km/h</i> | <i>N 10 km/h</i> | <i>W 10 km/h</i> | <i>W 10 km/h</i> |   |   |  |

**ALWAYS REPORT ANY EMISSIONS OF DUST TO A MANAGER. SHUT DOWN OPERATION UNTIL EMISSIONS HAVE BEEN STOPPED AND LOG ALL EMISSIONS ON THIS SHEET.**

| x= EMISSION/FAULT √= NO EMISSION/NO FAULT |                                 |                        |
|---|---------------------------------|------------------------|
| PLANT OPERATORS NAME<br><i>SS, SS, SS</i> | SIGNATURE<br><i>[Signature]</i> | DATE<br><i>25/1/11</i> |
| MANAGER'S NAME<br><i>[Name]</i>           | SIGNATURE<br><i>[Signature]</i> | DATE<br><i>25/1/11</i> |