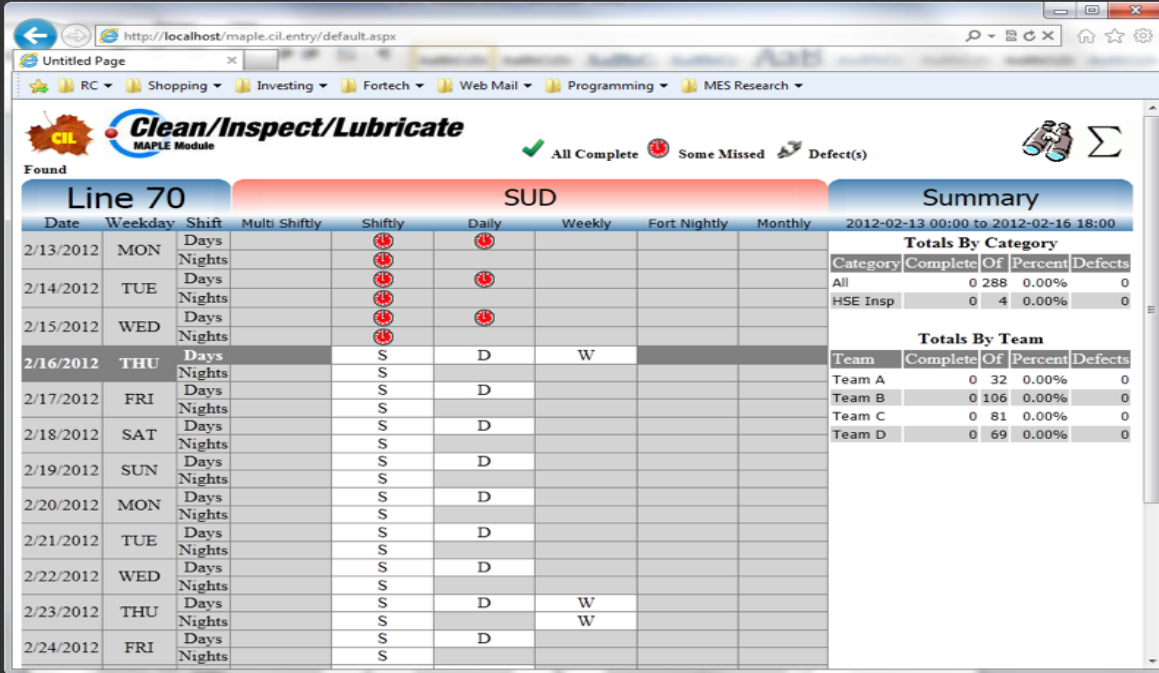


# CLEAN, INSPECT, LUBRICATE



The screenshot shows the MAPLE Clean/Inspect/Lubricate (CIL) software interface. The main window displays a maintenance schedule for Line 70, categorized by SUD (Scheduled Upkeep Days). The schedule is organized into columns for Multi Shiftly, Shiftly, Daily, Weekly, Fort Nightly, and Monthly. The rows represent dates from 2/13/2012 to 2/24/2012, with each day split into Days and Nights shifts. The interface includes a navigation bar at the top with various application icons and a status bar at the bottom indicating 'All Complete', 'Some Missed', and 'Defect(s)'. On the right side, there are two summary tables: 'Totals By Category' and 'Totals By Team'.

| Line 70   |          | SUD    |               |         |       |        |              | Summary |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|-----------|----------|--------|---------------|---------|-------|--------|--------------|---------|--|----------|----------|----|---------|---------|-----|---|-----|-------|---|----------|---|---|-------|---|
| Date      | Weekday  | Shift  | Multi Shiftly | Shiftly | Daily | Weekly | Fort Nightly | Monthly | 2012-02-13 00:00 to 2012-02-16 18:00   |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/13/2012 | MON      | Days   |               | ⓧ       | ⓧ     |        |              |         | <b>Totals By Category</b><br><table border="1"> <thead> <tr> <th>Category</th> <th>Complete</th> <th>Of</th> <th>Percent</th> <th>Defects</th> </tr> </thead> <tbody> <tr> <td>All</td> <td>0</td> <td>288</td> <td>0.00%</td> <td>0</td> </tr> <tr> <td>HSE Insp</td> <td>0</td> <td>4</td> <td>0.00%</td> <td>0</td> </tr> </tbody> </table> | Category | Complete | Of | Percent | Defects | All | 0 | 288 | 0.00% | 0 | HSE Insp | 0 | 4 | 0.00% | 0 |
| Category  | Complete | Of     | Percent       | Defects |       |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| All       | 0        | 288    | 0.00%         | 0       |       |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| HSE Insp  | 0        | 4      | 0.00%         | 0       |       |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | ⓧ       | ⓧ     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/14/2012 | TUE      | Days   |               | ⓧ       | ⓧ     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | ⓧ       | ⓧ     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/15/2012 | WED      | Days   |               | ⓧ       | ⓧ     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | ⓧ       | ⓧ     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/16/2012 | THU      | Days   |               | S       | D     | W      |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     | W      |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/17/2012 | FRI      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/18/2012 | SAT      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/19/2012 | SUN      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/20/2012 | MON      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/21/2012 | TUE      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/22/2012 | WED      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/23/2012 | THU      | Days   |               | S       | D     | W      |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     | W      |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
| 2/24/2012 | FRI      | Days   |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |
|           |          | Nights |               | S       | D     |        |              |         |  |          |          |    |         |         |     |   |     |       |   |          |   |   |       |   |

| Totals By Team |          |     |         |         |
|----------------|----------|-----|---------|---------|
| Team           | Complete | Of  | Percent | Defects |
| Team A         | 0        | 32  | 0.00%   | 0       |
| Team B         | 0        | 106 | 0.00%   | 0       |
| Team C         | 0        | 81  | 0.00%   | 0       |
| Team D         | 0        | 69  | 0.00%   | 0       |

## Plan Maintenance, Lower Costs and Improve Uptime

The MAPLE Clean, Inspect, Lube (CIL), component is a preventive maintenance (PM) component designed to reduce downtime on equipment due to normal operations. This keeps shop floor machinery running smoothly and efficiently with flexible, easy-to-use maintenance guide and scheduling features.

Assets that are poorly maintained can lead to breakdowns and stoppages that impact production. Less obvious is the impact it can have in terms of quality issues; spoilage, rejects and waste; delivery commitments; morale; and the extra strain on maintenance resources. All of which are losses that can be minimized using CIL.

# CLEAN, INSPECT, LUBRICATE

## Key Features

- Multilingual Capability
- Web-based application to track and plan Clean/Inspect/Lubricate operations.
- Identify and track defects found during the inspection process.
- Capability for standardized inspections to be configured at a global level and “pushed” to one or more sites and lines.
- Reports showing statistics regarding completion and also a report used for planning that shows the amount of time needed to complete future tasks.
- Replace paper based CIL processes; create a standard approach for CIL and Quality Tasks.

## Benefits

- Improved planning - plan your maintenance activities well in advance to predict spare part and labor requirements.
- Workloads and priorities - automate the day to day management of maintenance workloads.
- Improve visibility - everyone can see what is being done, what is waiting and why.
- Lower the cost of maintenance - by arranging schedules based on usage not just fixed calendar periods.
- Usability - improve the use of the system with deployment on mobile devices.
- Provides accountability and traceability to the operators.