

SAMS Fatigue Buddy



[MAIN Screen](#) | [Compliance TODAY](#) | [Compliance HISTORY](#)

Current Date

10/05/2011

Work Hrs Today

7.5

Hrs in Prior 24 Max Today

14.25

Change Activity

Work

SAMS Fatigue Buddy

Version 1.2 Released 30 April 2011

[Save And Close](#)

Current Time

01:50 PM

Trip Compliance

Breaches

Click "Compliance TODAY" Tab for details of breaches.

If Black: Will Breach Hrs In Prior 24 at : **Must REST Until 10/05/11 02:15 PM**

If RED: In Breach & You Must Rest Until :

Driver

Driver's ID Number

BFM

Solo

ReSet

START Next SHORT REST by: **10/05/11 05:30 PM**

START Next SLEEP by: **10/05/11 11:00 PM**

START Next 24Hr REST by: **21/05/11 12:00 AM**

Text this colour indicates deadline approaching

Text this colour indicates deadline has passed

Or After Another **65.5** Work Hrs*

* When Working BFM Hrs, the Next 24Hr Rest Must Start By the Above Time OR By The Time the remaining Hrs at the Right are worked. Whichever comes FIRST.

10/05/2011	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
09/05/2011	[Visual bar chart showing red and green segments]																							

FATIGUE BUDDY COMPREHENSIVE COMPLIANCE CHECKING :

The Fatigue Management laws for truck drivers are very complex; with almost 30 rules under the Standard Hours + Basic Fatigue Management Options.

It's impossible to check drivers' compliance with all the rules manually.

Drivers on the road can easily breach the rules without being aware of it.

Drivers need simple easy to follow guidance that warns them BEFORE they breach the rules.

SAMS developed the **Fatigue Buddy** to help drivers avoid breaches (and fines).

The most common (and expensive) breaches are:

- Exceeding the maximum Work hours in a 24 Hr Period;
- Missing or late Short Rests;
- Inadequate or late Sleep Rests; and
- Inadequate or late 24 Hr Rests.

The **Fatigue Buddy** constantly checks these rules and WARNS THE DRIVER BEFORE they breach them.

It also checks Compliance with:

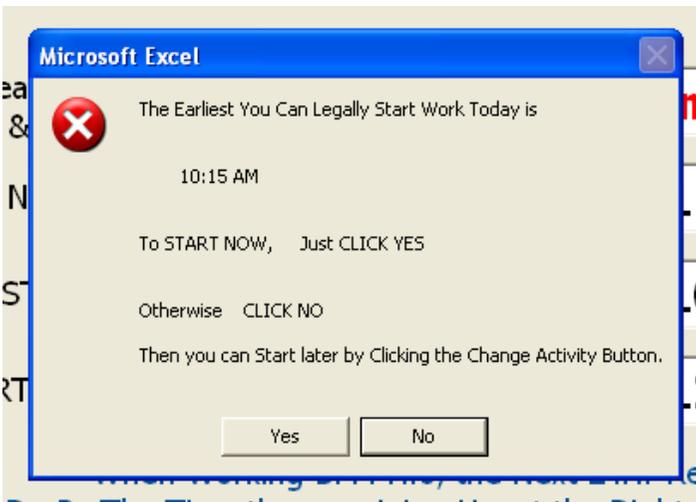
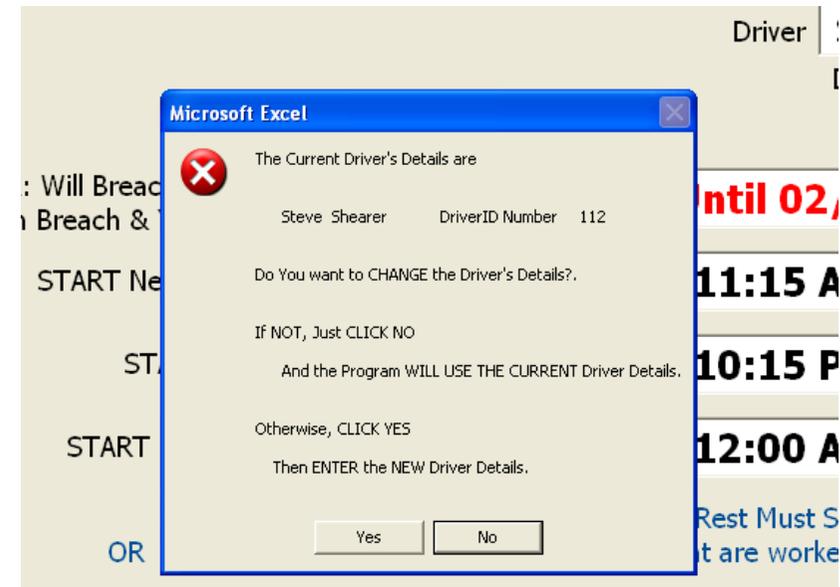
- The Night and Long Hours rule (BFM);
- Total Work in 7 Days, 14 days and 28 days; and
- Night Rests and Consecutive Night Rests in 14 Days.

DRIVER'S DETAILS:

When you launch the **Fatigue Buddy** it opens with a Dialogue Box (at right) that shows you the Driver's Details currently stored by the software.

It asks if you want to CHANGE the Driver's Detail. If you do want to change these details, just CLICK "Yes" and then type the new details in the Dialogue Boxes that then open up. Otherwise, to keep the current details, just CLICK "No".

The Driver's ID Number is an optional field that can be used to record an ID Number (like a Staff Number) that the business uses to identify records relating to that driver– such as their ID number from the SAMS **Fatigue Database**.



LEGAL START TIME:

The **Fatigue Buddy** will then display the time that the driver can legally START work (at left) - BASED on the data that has been recorded in it up until then.

On the first day of use, the legal start time is 12AM on the current date.

The **Fatigue Buddy** asks you in this same message if you want to start using it. If you do, just CLICK "Yes". This will set the Activity type to "Work" and the **Fatigue Buddy** will start to track your Work and Rest Hours and assess your compliance and indicate when you need to start various rests.

If you do NOT want to start using the **Fatigue Buddy**, just CLICK "No". Then you can use the Blue "Change Activity" button to start the **Fatigue Buddy** whenever you're ready

FATIGUE BUDDY MAIN SCREEN :

When you have started the **Fatigue Buddy** the Main Screen is displayed, as below. This screen displays your current compliance status and the four key deadlines for rests, based upon the data recorded at any point in time.

Once it is running (as soon as you clicked “Yes” when the **Fatigue Buddy** asked if you wanted to Start using it or whenever you **CLICK** the **BLUE** “Change Activity” button) - then the **Fatigue Buddy** will just keep automatically tracking and recording your Work Hours and check your compliance as you go.

You do NOT need to do anything else - EXEPT to **CLICK** the **BLUE** “Change Activity” whenever you change between **WORK** and **REST**.

MAIN Screen | Compliance TODAY | Compliance HISTORY

Current Date: **10/05/2011**

Work Hrs Today: **7.5**

Hrs in Prior 24 Max Today: **14.25**

Change Activity (Work)

SAMS Fatigue Buddy (Version 1.2 Released 30 April 2011)

Driver: Steve Shearer (Driver's ID Number: 112)

Save And Close

Current Time: **01:50 PM**

Trip Compliance: **Breaches**

If Black: Will Breach Hrs In Prior 24 at : **Must REST Until 10/05/11 02:15 PM**

If RED: In Breach & You Must Rest Until :

START Next SHORT REST by: **10/05/11 05:30 PM** (Text this colour indicates deadline approaching)

START Next SLEEP by: **10/05/11 11:00 PM** (Text this colour indicates deadline has passed)

START Next 24Hr REST by: **21/05/11 12:00 AM** Or After Another **65.5** Work Hrs*

* When Working BFM Hrs, the Next 24Hr Rest Must Start By the Above Time OR By The Time the remaining Hrs at the Right are worked. Whichever comes FIRST.

Buttons: BFM (Change Hrs Option), Solo (Change Solo/2Up), ReSet (Click "ReSet" to Delete ALL Records)

Compliance Grid:

10/05/2011	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
09/05/2011	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11

The **Fatigue Buddy** shows you:

- The Date and Time
- The Total Hours Worked Today
- The Max Hrs Work in PRIOR 24 hrs
- The Current Activity - Work or Rest
- The Driver's details
- If the day Complies or Breaches
- The Hours Option - BFM/Standard
- Solo or 2Up Driving
- Yesterday and Today's Work Pattern

AND

- The 4 main rest deadlines under the:
 - Hrs Work In Prior 24 Hours Rule;
 - The SHORT Rest Rules;
 - The SLEEP Rest Rules; and
 - The 24 Hour Rest Rules.

See details on each of these on the following pages.

REST DEADLINE WARNINGS:

The **Fatigue Buddy** calculates and displays the 4 main Rest Deadlines, based on the Work/Rest Hrs recorded in it as you work through the day.

Hours In The Prior 24 Hrs: The **Fatigue Buddy** calculates the “Hrs In the Prior 24Hrs” under BOTH the Qld/NSW Rule and the much stricter and more complex SA/VIC Rule and it displays the compliance for both on the “Compliance Today” and “Compliance History” tabs.

If your current Hrs in the Prior 24Hrs are BELOW the legal limit, this deadline field displays the **date and time** when you **WILL** breach it. This will be in **black text**.

BUT If your current Hrs in the Prior 24Hrs are ABOVE the legal limit, this deadline field displays the **date and time** you **MUST REST until** to bring the Hrs In Prior 24Hrs back to the legal limit, as shown below. This will be in **red text**.

If Black: Will Breach Hrs In Prior 24 at : **Must REST Until 10/05/11 02:15 PM**
 If RED: In Breach & You Must Rest Until : **Must REST Until 10/05/11 02:15 PM**

START Next SHORT REST by: **10/05/11 05:30 PM** Text this colour indicates deadline approaching

START Next SLEEP by: **10/05/11 11:00 PM** Text this colour indicates deadline has passed

START Next 24Hr REST by: **21/05/11 12:00 AM** Or After Another **65.5** Work Hrs*

* When Working BFM Hrs, the Next 24Hr Rest Must Start By the Above Time
 OR By The Time the remaining Hrs at the Right are worked. Whichever comes FIRST.

Option
 /2Up
 ds

4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11

The other three Deadlines displayed by the **Fatigue Buddy**

Show the **date and time** when you must **START** your **next** SHORT Rest, SLEEP Rest and 24Hr Rest.

These deadlines are initially shown in **Black Text** BUT they will change colour to **WARN** you that the deadline is getting close. They will turn:

Pink - 30 mins before the Short Rest deadline
 60 mins before the SLEEP Rest deadline
 24 Hrs before the 24Hr Rest deadline

Red - once the deadline is reached and you’re still working.

NOTE: The 24 Hr Rest Rules under BFM, require that a driver must NOT work more than 84 Hrs without a 24 Hr Rest. So the **Fatigue Buddy** tracks and displays the Hours of Work performed SINCE the end of the last 24 Hr Rest, as shown in lower right portion of the above screen image.

This is why the deadline for STARTING the NEXT 24Hr Rest displays both a date/time deadline AND at the right of that, the Number of Works Hrs left BEFORE a 24 Hr Rest must start. So the driver must EITHER start the 24 Hr rest by the date/time shown OR before working anymore that the remaining number of available work hrs.

COMPLIANCE TODAY: If the Main Screen indicates (in middle of left hand side) that **Breaches** have been detected, the Fatigue Buddy will show you what rules have been breached. Just Click on the “Compliance Today” tab to open the summary of the Fatigue Compliance Check for the current date.

MAIN Screen | Compliance TODAY | Compliance HISTORY

Overall Trip Compliance: **Breaches** 10/05/2011

Compliance Comments: BFM, Solo

	TODAY	7 Days	14 Days	28 Days	Compliance Comments
Hours Worked In Period	7	51.5	98.75	150.75	Complies
Max Hours in Prior 24 Hr	14.25				Breach: of Qnld/NSW & SA/Vic WorkHrs in Prior 24Hrs
Night & Long Hours	2.5	6.75			Complies
Short Rests					Complies
Night Rests In 14 Days			12		Complies
Consecutive Night Rests			12		
24Hr Rests	0	5	11		Complies
Min Continuous Rest in 24 Hrs: Last Sleep Ended At:	10/05/11 06:00 AM				Complies

Max Work Without Rest Was Breached At:

Last 24 Hr Rest Ended at At: 09/05/11 12:00 AM Work Hrs Since 24 Hr Rest: 18

COMPLIANCE HISTORY: A simple click of the "Compliance Today" tab displays the full compliance analysis for the current date. OR, to see the compliance results for any of the proceeding 27 days, just click the "Compliance History" tab and then select the required date from the scroll list at upper left of the screen, as seen below.

The **Fatigue Buddy** records **28 days of data**, which can be downloaded to a database (such as our **Fatigue Database**), for fast data entry, or just saved to a file on the office computer for storage.

MAIN Screen | Compliance TODAY | Compliance HISTORY

To See the Compliance details for a Date, CLICK on the date in this field. (Dates are listed most recent at top)

Date	Trip Compliance
9 12/05/2011	TRUE
12 11/05/2011	TRUE
13 10/05/2011	FALSE

Overall Trip Compliance Breaches 10/05/2011

BFM Solo

	TODAY	7 Days	14 Days	28 Days	Compliance Comments
Hours Worked In Period	7.5	45.25	106.75	158.75	Complies
Max Hours in Prior 24 Hr	14.25				Breach: of Qld/NSW & SA/Wic WorkHrs in Prior 24Hrs
Night & Long Hours	2.5	6.75			Complies
Short Rests					Complies
Night Rests In 14 Days			12		Complies
Consecutive Night Rests			12		
24Hr Rests	0	5	11		Complies
Min Continuous Rest in 24 Hrs: Last Sleep Ended At:	10/05/11 06:00 AM				Complies

Max Work Without Rest Was Breached At:

Last 24 Hr Rest Ended at At: 09/05/11 12:00 AM Work Hrs Since 24 Hr Rest 18.5

10/05/2011

12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
----	---	---	---	---	---	---	---	---	---	----	----	----	---	---	---	---	---	---	---	---	---	----	----

09/05/2011

Displaying Previous Date Data

Contact Us:

For advice and support regarding the use of your **Fatigue Buddy** contact SAMS on:

Ph: 08 8445 9777
 Fax: 08 8445 8199
 Email: sams@sams.net.au
 Mail: PO Box 2420, REGENCY PARK SA 5942



MAIN Screen | Compliance TODAY | Compliance HISTORY

Current Date: **10/05/2011** Work Hrs Today: **6** Hrs in Prior 24 Max Today: **14** **Change Activity** **SAMS Fatigue Buddy** Version 1.2 Released 30 April 2011 **Save And Close**

Current Time: **01:00 PM** Driver: **Steve Shearer** Driver's ID Number: **112**

Trip Compliance: **Trip Complies** If Black: Will Breach Hrs In Prior 24 at : If RED: In Breach & You Must Rest Until :

START Next SHORT REST by: **10/05/11 06:00 PM** Text this colour indicates deadline approaching

START Next SLEEP by: **10/05/11 11:15 PM** Text this colour indicates deadline has passed

START Next 24Hr REST by: **21/05/11 12:00 AM** Or After Another **67** Work Hrs*

* When Working BFM Hrs, the Next 24Hr Rest Must Start By the Above Time OR By The Time the remaining Hrs at the Right are worked. Whichever comes FIRST.

Click "Compliance TODAY" Tab for details of breaches.

BFM Change Hrs Option **Solo** Change Solo/2Up **ReSet** Click "ReSet" to Delete ALL Records

10/05/2011 [12][1][2][3][4][5][6][7][8][9][10][11][12][1][2][3][4][5][6][7][8][9][10][11]

09/05/2011 [12][1][2][3][4][5][6][7][8][9][10][11]