



Re Sustainability  
Verification of LTIFR and Fatalities  
January 2024

## BACKGROUND – PROJECT BRIEF

Momentum India Private Limited was assigned by **Re Sustainability** for **HSE verification of LTIFR & fatalities (2022-23)**. The verification of LTIFR & fatalities was conducted on the 5<sup>th</sup> & 6<sup>th</sup> January, 2024 by Momentum India Pvt. Ltd representatives.

## METHODOLOGY

1. Online verification of submitted incident register **2022-23** with other supporting documents.
2. Verification of LTIFR data submitted.

## STANDARDS FOLLOWED

- Factory act 1948
- IS 3786-1983
- IS 14489
- All applicable Indian Standards / International standards
- Good engineering practices followed in similar industries.

## Statement of independence, impartiality and competence

Momentum India Pvt Ltd (MI) is an independent professional services company that specialises in Health, Safety, Sustainability and Environmental management with qualified HSE specialists. MI states its independency and impartiality and confirms that there is "no conflict of interest" with regards to this assurance engagement. In the reporting year, the assurance team for this work does not have any involvement with RE Sustainability on any engagement that could compromise the independence or impartiality of our findings, conclusions, and recommendations. The MI team was not involved in the preparation of any content or data included in the Report, with the exception of this assurance statement.

## Report -Verification of LTIFR & fatalities

### VERIFICATION OF INCIDENT REGISTER

The online verification of the submitted incident register 2022-23 led us to following conclusion.

The business unit wise incident classification:

#### a. Industrial Waste Management

Sr. No	Business Unit	Person Name	Employee/Contract Employee	Types of injury
1	IWM	Ganesh Raja	Employee	Minor

#### b. Municipal Solid Waste

Sr. No	Business Unit	Person Name	Employee/Contract Employee	Types of injury
1	MSW	B.Ramesh	Contract Employee	Minor
2	MSW	Nadem Shefi	Contract Employee	Major
3	MSW	Johnny	Contract Employee	Minor
4	MSW	B. Karunakar	Contract Employee	Major
5	MSW	Dharmender Yadav	Contract Employee	Minor
6	MSW	Guddu	Contract Employee	Fatal
7	MSW	Amit Kumar	Contract Employee	Minor
8	MSW	Tarun Kumar	Employee	Minor
9	MSW	Ajay Kumar Soni	Employee	Minor

#### c. Bio Medical waste

Sr. No	Business Unit	Person Name	Employee/Contract Employee	Types of injury
1	BMW	Md Raja	Contract Employee	Fatal
2	BMW	Mohammed Abdul	Contract Employee	Minor
3	BMW	Abubaker	Contract Employee	Minor
4	BMW	Naru Gopal Maiti	Contract Employee	Minor
5	BMW	Biprahimram	Employee	Minor

**Report -Verification of LTIFR & fatalities****d. Waste to energy**

Sr. No	Business Unit	Person Name	Employee/Contract Employee	Types of injury
1	WTE	Jitendra Patel	Contract Employee	Minor
2	WTE	Dharmendar	Contract Employee	Major
3	WTE	Puneshwar Das Narayan Lalchand	Contract Employee	Minor
4	WTE	Pradeep Kumar	Contract Employee	Major
5	WTE	Anand Sagar	Employee	Minor

**e. Recycling**

Sr. No	Business Unit	Person Name	Employee/Contract Employee	Types of injury
1	Recycling	E. Narendar Reddy	Employee	Major

**Report -Verification of LTIFR & fatalities****SUMMARY OF VERIFICATION OF INCIDENT REGISTER 2022-23**

Category	Description	FY2022-23
<b>Employees</b>	Fatalities as a result of work-related injury	0
	The number of high consequences work-related injuries (excluding fatalities)	1
	The number of recordable work-related injuries	5
<b>All workers who are not employees but whose work and/or workplace is controlled by the organization</b>	Fatalities as a result of work-related injury	2
	The number of high consequences work-related injuries (excluding fatalities)	4
	The number of recordable work-related injuries	9

### VERIFICATION OF LTIFR DATA SUBMITTED

**Lost-time injuries frequency rate (LTIFR):** Any work-related injury that results in the company employee or third-party contract employees not being able to return to work the next scheduled day/shift.

LTIFR is the number of lost time injuries per million hours worked, calculated using the formula.

**LTIFR = (Number of lost time injuries)/ (Total hours worked in accounting period) \*1,000,000.**

#### Calculation of Total working days in the period

Sr. No	Months	Working Days	Holiday	Sundays	Total
1	Apr-22	25	2	4	30
2	May-22	25	2	5	31
3	Jun-22	26	0	4	30
4	Jul-22	25	0	5	31
5	Aug-22	26	3	4	31
6	Sep-22	24	0	4	30
7	Oct-22	24	3	5	31
8	Nov-22	25	0	4	30
9	Dec-22	25	0	4	31
10	Jan-23	22	2	5	31
11	Feb-23	24	1	4	28
12	Mar-23	26	2	4	31
	Optional Holiday	-1	1		
<b>Total working days in the period</b>		<b>297</b>	<b>16</b>	<b>52</b>	<b>365</b>

**Calculation for LTIFR:**

Parameter	Value
Total number of working days	297
Total hours of work per day	8
Total number of Employees	13170
Total number of Contract Employees	3214
Total working hours Employee	31291920
Total working hours of Contract Employees	7636464
Total no of LTI for employees	6
Total no of LTI for Contract Employee	15
<b>LTIFR for Employees</b>	<b>0.19174279</b>
<b>LTIFR for Contract Employees</b>	<b>1.9642599</b>



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### CONCLUSION

The following conclusion has arrived after the verification of the submitted data:

1. The number of LTI for Employees across business units is found to be 06
2. The number of LTI for Contract Employees across business units is found to be 15
3. LTIFR for Employees is **0.19174279**≈ **0.192**
4. LTIFR for the Contract Employees is **1.9642599**≈ **1.964**

For and on behalf of:

**Momentum India Pvt Ltd**  
**Name – Mr. Akhil Prakash & Mr. Sachin Mishra**  
**Dated – 10/01/2024.**



*“Safety is a universal responsibility and needs to be cascaded across all sections of the society”.*