

2021 Sustainability Report

Health and Safety



SDJ: Sales de Jujuy (Olaroz Lithium Facility) - BRX: Borax Argentina.

Key Performance Indicators (KPIs)

General KPIs

INDICATOR	Units	2018	2019	2020	2021
Sales de Jujuy (Olaroz Lithium Facility)					
Total Recordable Injury Frequency Rate (TRIFR) ¹	Value	2.5	3.3	3.0	2.3
Lost-Time Injury Frequency Rate (LTIFR) ²	Value	2.5	3.3	1.9	0.5
Severity Rate ³	Value	177.2	35.9	14.56	57
Fatalities	Quantity	0	0	0	0
Borax Argentina					
Total Recordable Injury Frequency Rate (TRIFR)	Value	2.4	3.4	8.8	2.5
Lost-Time Injury Frequency Rate (LTIFR)	Value	1.2	2.3	4.4	2.5
Severity Rate ⁴	Value	-	-	174.0	284.3
Fatalities	Quantity	-	-	0	0

1 - TRIFR: number of lost time, medical treatment, restricted work and fatality incidents per million hours worked. During FY21 only 1 LTI (Lost Time Injury) and 4 recordable (medical treatment) injuries occurred at Olaroz.

2 - LTIFR: number of lost time injuries per million hours worked

3 - Severity Rate: number of lost or restricted work days per million hours. During FY21, although only 1 lost time injury was recorded, it resulted in a large number of lost/restricted work days.

4 - There were 2 lost time injuries recorded at BRX during FY21. However, each of these were associated with a large number of lost/restricted work days for the individuals involved.

- : No information. New indicator or BRX indicator not reported in this disclosure before FY20

Performance Data

Safety Management and Compliance

INDICATOR	Units	2018	2019	2020	2021
Sales de Jujuy (Olaroz Lithium Facility)					
Significant non-monetary sanctions					
Number of significant non-monetary safety penalties	Quantity	0	0	0	0
Significant fines					
Number of significant fines	Quantity	0	0	0	0
Total value of significant fines	USD	0	0	0	0
Borax Argentina					
Significant non-monetary sanctions					
Number of significant non-monetary safety penalties	Quantity	-	-	0	0
Significant fines					
Number of significant fines	Quantity	-	-	0	0
Total value of significant fines	USD	-	-	0	0

Note - There have been no non-monetary safety penalties or significant fines recorded.

- : No information. New indicator or BRX indicator not reported in this disclosure before FY20

Workplace Safety

INDICATOR	Units	2018	2019	2020	2021
Safety performance - workforce (per million hours worked)					
Orocobre Group					
Total Recordable Injury Frequency Rate (TRIFR)	Quantity	2.5	3.3	4.5	2.4
Total Recordable Injury Frequency Rate (TRIFR)- Employees	Quantity	2.8	3.5	4.7	3.0
Total Recordable Injury Frequency Rate (TRIFR) - Contractors	Quantity	1.7	3.1	4.2	1.6
Lost-Time Injury Frequency Rate (LTIFR)	Quantity	2.0	3.0	2.5	1.0
Lost-Time Injury Frequency Rate (LTIFR) - Employees	Quantity	2.1	2.9	1.6	1.2
Lost-Time Injury Frequency Rate (LTIFR) - Contractors	Quantity	1.7	3.1	3.6	0.8
Sales de Jujuy (Olaroz Lithium Facility)					
Total Recordable Injury Frequency Rate (TRIFR) ¹	Quantity	2.5	3.3	3.0	2.3
Total Recordable Injury Frequency Rate (TRIFR)-Operations	Quantity	-	-	-	3.4
Total Recordable Injury Frequency Rate (TRIFR) - Expansion	Quantity	-	-	-	1.1
Lost-Time Injury Frequency Rate (LTIFR) ²	Quantity	2.5	3.3	1.9	0.5

Lost-Time Injury Frequency Rate (LTIFR) - Operations	Quantity	-	-	-	0.9
Lost-Time Injury Frequency Rate (LTIFR) - Expansion	Quantity	-	-	-	0.0
Severity Rate ³	Quantity	177.2	35.9	14.56	57
Severity Rate - Operations ³	Quantity	-	-	-	107.4
Severity Rate - Expansion	Quantity	-	-	-	0
Fatalities	Quantity	0.0	0.0	0.0	0
Fatalities - Operations	Quantity	-	-	-	0
Fatalities - Expansion	Quantity	-	-	-	0
Safety performance - Employees					
Total Recordable Injury Frequency Rate (TRIFR) ¹	Quantity	2.9	3.3	1.8	3.0
Total Recordable Injury Frequency Rate (TRIFR)-Operations	Quantity	-	-	-	3.0
Total Recordable Injury Frequency Rate (TRIFR) - Expansion	Quantity	-	-	-	0.0
Lost-Time Injury Frequency Rate (LTIFR)	Quantity	2.9	3.3	0.0	0.0
Lost-Time Injury Frequency Rate (LTIFR) - Operations	Quantity	-	-	-	0.0
Lost-Time Injury Frequency Rate (LTIFR) - Expansion	Quantity	-	-	-	0.0
Severity Rate	Quantity	284.2	14.3	0.0	0.0
Severity Rate - Operations	Quantity	-	-	-	0.0
Severity Rate - Expansion	Quantity	-	-	-	0.0
Fatalities	Quantity	0.0	0.0	0.0	0
Fatalities - Operations	Quantity	-	-	-	0
Fatalities - Expansion	Quantity	-	-	-	0
Safety performance - Contractors					
Total Recordable Injury Frequency Rate (TRIFR)	Quantity	2	3.3	3.8	1.7
Total Recordable Injury Frequency Rate (TRIFR)-Operations	Quantity	-	-	-	12.6
Total Recordable Injury Frequency Rate (TRIFR) - Expansion	Quantity	-	-	-	1.2
Lost-Time Injury Frequency Rate (LTIFR)	Quantity	2	3.3	3.1	0.9
Lost-Time Injury Frequency Rate (LTIFR) - Operations	Quantity	-	-	-	6.3
Lost-Time Injury Frequency Rate (LTIFR) - Expansion	Quantity	-	-	-	0
Severity Rate ³	Quantity	145.1	48.7	24.6	106.6
Severity Rate - Operations	Quantity	-	-	-	776.5
Severity Rate - Expansion	Quantity	-	-	-	0
Fatalities	Quantity	0.0	0.0	0.0	0
Fatalities - Operations	Quantity	-	-	-	0
Fatalities - Expansion	Quantity	-	-	-	0
Borax Argentina					
Total Recordable Injury Frequency Rate (TRIFR) ⁴	Quantity	2.4	3.4	8.8	2.5
Lost-Time Injury Frequency Rate (LTIFR) ⁴	Quantity	1.2	2.3	4.4	2.5
Severity Rate ⁵	Quantity	-	-	174.0	284.3
Fatalities	Quantity	-	-	0.0	0
Safety performance - Employees					
Total Recordable Injury Frequency Rate (TRIFR)	Quantity	2.7	3.8	8.3	2.5
Lost-Time Injury Frequency Rate (LTIFR)	Quantity	1.4	2.5	3.6	2.5
Severity Rate ⁵	Quantity	-	-	60.7	284.3
Fatalities	Quantity	-	-	0.0	0
Safety performance - Contractors					
Total Recordable Injury Frequency Rate (TRIFR)	Quantity	-	-	14.0	0.0
Lost-Time Injury Frequency Rate (LTIFR)	Quantity	-	-	14.0	0.0
Severity Rate	Quantity	-	-	602.2	0.0
Fatalities	Quantity	-	-	0.0	0

INDICATOR	Units	2018	2019	2020	2021
Class 1 Process Safety Events/million hours worked⁶					
Sales de Jujuy (Olaroz Lithium Facility)					
Number of Tier 1 Process Safety Events/million hours worked	Quantity	-	-	-	0
Potential Process Safety Events	Quantity	-	-	-	20
High Potential Consequence Process Safety Events	Quantity	-	-	-	13
Borax Argentina⁷					
Number of Tier 1 Process Safety Events/million hours worked	Quantity	-	-	-	0
Potential Process Safety Events	Quantity	-	-	-	0
High Potential Consequence Process Safety Events	Quantity	-	-	-	0

INDICATOR	Units	2018	2019	2020	2021
Safety performance - workforce (per 200,000 hours worked)					
Sales de Jujuy (Olaroz Lithium Facility)					
Recordable Incident Rate (RIR)	Quantity	0.5	0.7	0.4	0.1
Lost Time Injury Rate (LTIR)	Quantity	0.5	0.7	0.6	0.5
Severity index	Quantity	35.4	7.2	2.91	11.4
Borax Argentina					
Recordable Incident Rate (RIR)	Quantity	-	-	1.5	0.5
Lost Time Injury Rate (LTIR)	Quantity	-	-	3.0	0.5
Severity index	Quantity	-	-	37.1	56.9

1 - TRIFR: number of lost time, medical treatment, restricted work and fatality incidents per million hours worked. During FY21 only 1 LTI (Lost Time Injury) and 4 recordable (medical treatment) injuries occurred at Olaroz.

2 - LTIFR: number of lost time injuries per million hours worked

3 - Severity Rate: number of lost or restricted work days per million hours. During FY21, although only 1 lost time injury was recorded, it resulted in a large number of lost/restricted work days.

4 - There were 2 recordable/lost time injuries at BRX during FY21.

5 - Each of the two lost time injuries recorded at BRX during FY21 were associated with a large number of lost/restricted work days for the individuals involved.

6 - A class 1 process safety event is defined as an event that is potentially catastrophic, that can result in large-scale health and environmental consequences. Definitions based on 'CCPS Process Safety Metrics Guide for Selecting Leading and Lagging Indicators V3.2.

7 - There were no process safety events recorded at BRX during FY21

- : No information. New indicator or BRX indicator not reported on this disclosure before FY20

Health and Wellbeing

Health Services

INDICATOR	Units	2018	2019	2020	2021
Sales de Jujuy (Olaroz Lithium Facility)					
Occupational diseases¹					
Occupational diseases	Quantity	0	0	0	0
Occupational disease incidents	Quantity	0	0	0	0
Health Assessments					
New site workforce that received pre-work occupational health assessments ²	%	100%	100%	100%	100%
Site workforce that received annual medical evaluations ³	%	100%	100%	100%	100%
Borax Argentina					
Occupational diseases¹					
Occupational diseases ⁴	Quantity	-	-	0	0
Occupational disease incidents	Quantity	-	-	0	0
Health Assessments					
New site workforce that received pre-work occupational health assessments ²	%	-	-	100%	100%
Site workforce that received annual medical evaluations ^{3,5}	%	-	-	100%	80%

1 - Health assessments are conducted annually to identify potential diseases.

2 - New contractors and new employees must complete a medical evaluation before accessing our operational sites.

3 - All workers involved in activities on site are required by law to undergo a periodic (annual) medical evaluation

4 - To date, no occupational diseases or work-related incidents of ill health have been identified.

5 - Due to delays associated with the COVID-19 pandemic, 20% of FY21 annual medical evaluations are still being finalised at BRX.

- : No information. New indicator or BRX indicator not reported before FY20